AUSTIN ISD
Technology Plan

2007 - 2010

PASCAL FORGIONE

SUPERINTENDENT

DISTRICT PROFILE

ESC Region	13
City, State Zip	AUSTIN, TX 787035399
Phone	(512) 414-1700
Fax	(512) 414-1486
County District Number	227901

Number of Campuses	114
Total Student Enrollment	82074
District Size	50,000 and over
Percent Econ. Disadvantaged	60.30%

Technology Expenditures		$40,240,000.00
Technology budgets reported in plan by category	Teaching and Learning Budget	$4,530,000.00
	Educator Preparation and Development Budget	$10,100,000.00
	Leadership, Administration and Support Budget	$7,020,000.00
	Infrastructure for Technology Budget	$18,590,000.00
	Total:	**$40,240,000.00**
Technology Expenditure Per Pupil	$490.29	
Number of Campuses with Direct Connection to Internet	114	
Percentage of Campuses with Direct Connection to Internet	100.00%	
Number of Classrooms with Direct Connection to Internet	5500	
Percentage of Classrooms with Direct Connection to Internet	100.00%	
Computer/Student Ratio	5 student(s) for every computer	
Computer/Teacher Ratio	1 teacher(s) for every computer	
Number of campuses that need to complete the Texas Campus STaR Chart	117	
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %	

Plan Introduction

Plan Last Edited 07/07/2008

Plan status:	approved
Years Included in the Plan:	2007 - 2010
Number of years covered by the plan:	3
Years Approved for the Plan:	2007 - 2010
Number of approved years:	3

This is an Updated plan. The plan editor entered these comments about the changes since last year's plan:

There have been just a few changes. Most of the update is comments on status and progress made. Additional updates include: -Information about a successful May 2008 Bond initiative has been included. -Teacher Laptop rollout. A laptop for every teacher. -Improvements to access for library databases. -Acquistion of web based gradebook with online parent access. -Development of program to refurbish end of life district computers for placement in homes of students who do not have a computer.

Technology Planning Committee

Dave Sanders
Gray Salada
Melody Parrish
Leslie Cohen
John Hudson
Carmen Williams
Elaine Bohls-Graham
Gail Belcher
Susan Wolter
Debra Tate
Doug Hall
Cindy Sanders
Roger Stryker
Leigh Lunsford
Donny Branam
Sonya Bianco
Jan McSorley
Carye Edelman
Elizabeth Polk
Mark Kincaid
Charla Merrel
John Ellis
Rachel McNeil
Richard Platt
Viviana Lopez
Michele King
Chris Busse
Andrew Sowder
Paul Clarke
Annette Gregory
Lucas Loughmiller

Executive Summary

Notes on plan update:
In May 2008, the citizens of Austin approved $69 million for technology improvements. Many of these items were already in our technology plan but needed funding.

The funds will be used for the following large categories.

Gradebook – This item is a replacement of our current gradebook, Integrade Pro, which is End-of-Life. The new gradebook will have increased capability and will be Web based to facilitate access and reduce support requirements. It will also provide parent access to daily grades.

Student Information Systems – This item is for a new student information system. This software houses all grades, attendance, discipline, student schedules, any student information that must be collected for reporting purposes. Pearson Technologies announced this fall the End-of-Life for our current student system software, SASI. This software will no longer be supported for state and federal reporting within the next five years. Implementation of a new student system will require 9-12 months of planning and selecting a new software, and 18-24 month rollout to campus and district users.

Data warehouse - AISD currently has student and human resources data in over 22 different softwares. MIS currently collects data from these systems and pieces together the majority of reporting needs at the local, state, and federal levels. This provides funding for a data warehouse, consolidating all data elements in a common database, provides a mining capability, and provide a user friendly web interface for end users.

Wireless Upgrade - Complete the District wireless network at the following campuses : Baranoff, Barton Hills, Boone, Brykerwoods, Casis, Clifton, Covington, Cowan, Davis, Doss, Gullett, Hill, Kiker, Lamar, Lee, Menchaca, Mills, Murchison, O.Henry, Oak Hill, Pease, Rosedale, Small, Summitt , as well as 2 other sites (Seagert & Warehouse). All District Academic facilities will be wireless at the end of this project.

Special Education - This provides the unique hardware and software necessary to allow student with disabilities to achieve standards.

UPS Upgrade -Complete the installation/upgrade of UPS's to support 911 and other telecom services during power failures. Monitoring Equipment - Upgrade End-of-Life Telecom monitoring equipment to provide better awareness in case of telecom & 911 outages.

PA Upgrade - Upgrade PA/Clock/Bell systems to remotely handle daylight savings time changes, and bell change requests

Student Storage - Upgrade student and campus storage systems to increase storage quotas needed for homework, project, and other classroom file storage needs.

IFAS & Enterprise Servers/Storage/Archive - Upgrade financial and enterprise servers and storage space to improve performance and replace End-of-Life servers. Replace End-of-Life archive system.

Document Management System - This provides the capability to manage hard copy archives and electronic active records to comply with retention rules.

Mobile Cart Chassis's - Acquire managed carts for the mobile labs allowing remote maintenance of the laptops. This item is the cart itself not the laptops.

Student Response/slates – Provides interactive classroom devices including student polling devices and interactive slates and boards.

Presentation System – Provides large screen computer video presentation system for classroom. Includes document camera and audio system. Four year target of 66% of classrooms.
Campus Technology Refresh - Replaces obsolete computers, (desktops and laptops,) and printers for a four year period.

Purchase of peripheral items such as cameras, digital microscopes, probes, hand held devices, software and other emerging digital classroom tool

Purpose
Austin ISD has prepared this planning document to articulate a common vision for technology in the district and identify the strategies that will help us use advanced technology to improve the academic achievement, including technology literacy, of all students of rigorous curriculum standards and the development of critical thinking skills that are essential for academic and workplace success and build the capacity of all teachers to integrate technology effectively into curriculum and instruction.
Background
This plan is based on information drawn from many sources including:

· The State of Texas Long-Range Plan for Technology, 2006-2020
· National Educational Technology Plan – 2004
· District Educational Technology Advisory Committee
· A review of the literature to identify best practices
· A survey of school site hardware and instructional media
· A survey of teachers and administrators.
· School site meetings
· Online discussions
Parameters
This Long-Range Technology Plan is driven by the state curriculum standards and supports the educational mission and instructional goals of Austin ISD and by the No Child Left Behind Act of 2001. Specific attention is given to addressing student standards for technology as defined by the Technology Applications Texas Essential Knowledge and Skills (TEKS), required in the Texas Education Code, Section 28.002. The Technology Applications TEKS found in 19 TAC Chapter 126 describe what students should know and be able to do using technology. As a part of the enrichment curriculum, these TEKS are to be used as guidelines for providing instruction. The goal of the Technology Applications TEKS is for students to gain technology-based knowledge and skills and to apply them to all curriculum areas at all grade levels.
The plan stresses the importance of ongoing and sustained staff development in the integration of technology into the curriculum for teachers, principals, administrators, and school library media personnel to further the effective use of technology in the classroom or library media center. It also is consistent with the recommendations for LEAs as defined by the Texas Long-Range Plan for Technology in the areas of Teaching and Learning, Educator Preparation and Development, Administration and Instructional Support, and Infrastructure for Technology, as well as the e-rate applications guidelines, and other state standards, such as Technology Applications Standards for Beginning Teachers.

Needs Assessment

Assessment Process:
A variety of processes have been (and continue to be) used to determine the district technology needs that are addressed in the Austin Independent School District's Technology Plan.

First, the Educational Technology Advisory Committee, an organization of teachers, administrators, parents, and patrons of the District, meets to review the contents of this plan. These meetings have been held to review the contents of the existing plan, suggest revisions, and to include new initiatives to support student achievement, teacher productivity and professional development, and the implementation of technology infrastructure and support systems. The Educational Technology Advisory Committee's work is presented to two other Austin ISD groups: the Instructional Technology Resource Contacts, an organization composed of campus technology leaders and the Austin Partners in Education Technology Group. The APIE Group is comprised of district and community members. These groups all meet continually throughout the school year to formatively evaluate progress on the technology plan.

Second, the District reviews campus data in a variety of formats to assess overall and campus-specific needs. Foremost among these data is the Texas STAR Chart. The District requires that every campus discuss, submit, and review a Texas STAR Chart based on the Teacher StaR Chart as part of the technology planning process for both the campus and the District. These results are reviewed by administrative staff and recommendations submitted to the Educational Technology Advisory Committee for direction. Furthermore, additional data is collected from a variety sources related to grants and awards the District has received and through an annual employee survey that measures staff attitudes and reports of technology implementation and integration. These data are comprised of a variety of surveys collected, compiled, and disseminated through the Austin ISD Department of Program Evaluation. Results are presented to administration for consideration and communication with the Educational Technology Advisory Committee, Instructional Technology Resource Contacts.

Third, the Austin Independent School District is especially proud that it plans to lead the way in assessing student achievement in the implementation of the technology applications TEKS in its schools through a series of online, authentic assessments for students in grades 2,5 and 8. Partnering with Learning.com through a TARGET grant, the District aims to be among the first districts in the state to report how its students are performing on the specific technology application TEKS objectives and to use this data to make better-informed instructional choices to ensure that Austin ISD students are prepared to utilized technology-related skills in the world of college, careers, and beyond

Existing Conditions:
Current Status of Teaching and Learning with Technology

The Austin ISD School Board Results Policy 2.5 states:
All students will be proficient in the use of technology.
Commitment: All students in the Austin Independent School District will meet and exceed the Texas Essential Knowledge and Skills for Technology Applications in the context of core curriculum and content areas.
Data has been provided in the appendix collected from student and staff surveys reflecting the perception of technology use in Austin ISD.

What digital resources are currently available?
Hardware and Network
-Internet/Network connectivity in every classroom.
-Computers in every school at an average of 4.5 students per computer.
-Computer labs and/or mobile labs in every school.
-Wireless networks being expanded to all schools.
-Networked printers
-Server storage space for teachers and students
-Video conference capability – dedicated room or mobile units
-Shared projectors and digital cameras

What level of technology support is available?
District Network Systems and Support and Desktop Support are available, although each tech is responsible for approximately 4000 computers at 15-20 campuses. Some campuses have managed a full time or part time campus based tech, but in many cases a classroom teacher also serves as the technology specialist. Providing adequate support is an ongoing challenge.

What software do students use?
Software including tools for document creation and publication, expression and visualization, communication and collaboration, online research, drill and practice and integrated learning systems.
-Microsoft Office Standard – Every computer
-Microsoft Office Professional (PC Only) - one per teacher
-Appleworks 6.2.9 - every computer
-Inspiration 7.5 - every computer
-Kidspiration 2.0 - every computer

-Web Browser - every computer (IE, FireFox, Safari)
-PaintShop Pro (Win) - one per classroom
-Graphic Converter 4.4 (Mac) one per classroom
-MicroType - MS and HS site license
-iLife 05 (Mac: iPhoto, iMovie HD, iTunes, iDVD, GarageBand) plus Comic Life on every Apple computer
-MovieMaker and PhotoStory (Win) for PCs that do video editing,
-Macromedia Suite - High Schools every computer
-Imagination Suite (Pixie, Image Blender, Web Blender) (Elementary only_
-Operating Systems: Mac OSX and WinXP/Win 2000

Campuses and departments have also purchased limited licenses for:
-Read 180/Reading Counts
-Cognitive Tutor
-NovaNet
-Rosetta Stone
-Accelerated Reader
-Lexia
-Success Maker
-Fast Math
-Vernier Probe Software
-BoardMaker
(There are numerous additional software titles purchased in small quantities at the campus level.)

What online resources do students use?
In addition to the many free web sites with valuable educational content, these services are used:
-Nettrekker – Student Search Engine
-Learning.com – Online technology applications curriclum K-8
-United Streaming – Discovery Network Streaming Digital Content
-Atomic Learning – Online technology tutorials
-Custom Typing – Web based Keyboarding program
-Online Library Databases – Large collection of online sources
-Oracle: Think.com – Free student web pages and email.

What software and online applications are available for teachers?
In addition to the student applications listed above, teachers use:
-InterGrade Pro – Grade book software
-SASI/ClassXP – Student Information System
-AIMS – Student Assessment Data Collection and Reporting
-Lotus Notes – Email/Calendaring
-HEAT – Online Technology Trouble Ticket System
-Online Professional Development catalog and registration.
-Telephone/Voice Mail

What are students expected to know about the use of technology?
§ K-8 Texas Technology Applications standards (Tech App TEKS)
Foundations, Info Acquisition, Problem Solving, Communication
§ NETS – National Standards for Educational Technology
§ Adopted K-8 "textbook" is online – Easy Tech - Learning.com
§ High School Technology Credit for one Tech Apps course or equivalent

How are students doing?
An interactive online assessment was developed through a grant project with Learning.com. Austin ISD is one of the first districts in the nation to assess student's technology literacy. All 5th graders and 8th graders have taken a Technology Literacy Assessment (TLA). The results showed that approximately 50% of the students are at a proficient level. Strengths were evident in internet Use and Word Processing while there was less proficiency in spreadsheets and database use. Core technology activities for each grade level are being developed and aligned with the core content IPGs. (Data has been provided in the appendix for the most recent TLA assessment.)

What are educators expected to know about the use of technology?
§ K-8 Texas Technology Applications standards (Tech App TEKS)
All teachers are expected to master the K-8 Tech TEKS
Foundations, Info Acquisition, Problem Solving, Communication, plus the additional strand dealing with pedagogy and professional development.
§ Teachers plan, organize, deliver and evaluate instruction for all students that incorporates the effective use of technology for teaching and integrating the Technology Applications TEKS into the curriculum.
§ NETS – National Standards for Educational Technology

How are educators doing?
Campus StaR Charts indicate that most campuses are at a Level 2 (Developing Tech) on a 1 to 4 scale, with 4 being the highest rating possible. There is often a sense that there is not time to use technology because of the emphasis on increasing TAKS test scores. Teachers also are reluctant to attempt student centered tech projects because of the lack of campus based tech support. Many teachers have begun to use United Streaming to deliver digital video to the classroom. Technology Applications Instructional Planning guides outline core tech activities.

What professional development opportunities do teachers have?
A variety of courses are offered through the Professional Development Center. Instructional Technology works with the campus ITRC (Instructional Technology Resource Contact) to deliver campus based training opportunities. A yearly subscription to Atomic Learning provides online tutorials for most district applications. Online courses developed in house are being piloted for training on such topics as using web quests in instruction, and using concept-mapping software.

What other events or programs occur?
-Austin Digital Student Film Festival
-Dell Tech Know
-Tech Corp
-New Tech High
-STRUT – Student based computer support
-Austin Partners in Education / Computers For Learning
-Career and College Preparation – Technology Pathways

Leadership, Administration and Instructional Support Overview

Information Systems
The vision for Information Systems is to provide a secure, accessible repository for the District's data and the tools to successfully store and mine that data. This will allow use of data to support meeting the District's stated goals of providing an environment where all children can learn. Data supports instructional decisions, business decisions, grant proposals, and to some extent, even the environment in which we work. A district the size of Austin Independent School District must have a vision for the future and a roadmap for attaining that vision. Today's technology supports easier, faster access to secure data. Newer software applications take advantage of the technology to make data access and maintenance available to staff when they need it, how they need it, and where they need it.

In order to better serve AISD staff, students, and parents, Information Systems has been reorganized. This has enabled current Information Systems staff to develop new skills, and has allowed more interactions with end users to support the improvement of teaching and learning.

AISD faces daily challenges regarding its data and access mechanisms. AISD is continuing towards procedures supported by electronic processes. . While the District supports e-mail and office automation tools, not all staff takes advantage of these tools to work more efficiently. These issues apply to the entire organization.

All District data has been archived and information is available through web-based applications that have been developed in-house. Due to this move of information, there currently is little redundant data entry. Information Systems has begun to build a data dictionary, and by working with other AISD departments, is creating a partnership to collectively be responsible for specific data.

Departments purchase stand-alone applications needed to serve special needs. Information Systems interaction and communication with departments and end users have decreased this trend, however, there are still departments who purchase stand-alone applications. In these isolated instances, feasibility studies are not part of the purchasing processes. The result is further data redundancy, lack of a common definition for data items, and lack of interfaces that could reduce data entry.

Documents are filed and stored in filing cabinets that take up massive floor space both at the campus and at the central offices. Staff time is used to file, pull and re-file information on a regular basis. Warehouse space is taken to archive older files that may prove impossible to access after any length of time. The security and preservation of materials is questionable. AISD has just completed a document management study and a plan of action will be put into place to reduce the amount of floor space needed to house required documents.

AISD is in the process of addressing many of these issues with the implementation of a business and student information system. SASIxp for Student Information and IFAS for Business Systems have successfully been implemented district wide. The new interactive, integrated information systems support the technology demands for all types of users. The new systems allow for use of information to support current business processes and allow analysis of information collected for future decision- making requirements. There has been a shift from programmers developing code that pulls data to programmers developing in-house tools to supplement both the student and business systems. In the past two years, AISD Management Information Systems has developed over twenty applications that meet the end user requirements based on student and/or

business requirements gathering. AISD end users have access to these web- based applications, and enter necessary data needed for reporting both state and federal regulations. Data are then pulled electronically into the correct system. This eliminates the need for dual entry, and allows AISD to monitor the accuracy of the data prior to reporting deadlines. Areas where applications have been developed are: Special Education, Biligual Education, Discipline, e504, parent access, staff evaluations, staff leave, multi-language progress reports, report cards, and attendance letters, fitness tracking, personal graduation plans, personal intervention plans, electronic transcripts, and an instructional management system. Information Systems has also developed over 80 web-based reports to support teaching and learning.

One of the more important goals of Technology is to provide a secure central data structure that can support broad access to information. The District has implemented and migrated to Oracle 9i, a powerful relational database structure with a tool set that will allow a secure environment while making fast data access a reality. This database structure is the standard for new applications. By implementing a District data dictionary, unnecessary duplication of data items can be avoided improving the overall validity of data. The power of an Oracle database and application tools allows data to be retrieved more easily and quickly. More robust security features, depending on security clearance, empower customers to create reports and respond to requests for information without going through the current cumbersome programming request process.

Infrastructure Overview

The goal of the AISD architecture is to make information available to properly authenticated users at any time or place, and on any appropriate device (need to define).

Since AISD is a large, rapidly growing enterprise, coordination of information resources across departments and campuses and providing seamless, transparent access to users provides significant design challenges. Additionally, as technology continues to rapidly evolve, and since there is no way to predict the products available three or four years from now, hardware, software, and network architectures must be flexibly designed and follow commonly accepted standards. This chapter outlines our current architecture and the proposed evolution over the next few years.

Current Status

A. General: AISD completed a $10.2 million bond-funded project to replace end-of-life network equipment. Our current state includes:

-Redundant and multiply connected 10Gb fiber paths between all AISD GAATN supernodes
-Redundant and multiply connected 2.5Gb fiber paths between all schools
-1Gb copper bandwidth capability to a network drop, and 100Mb copper bandwidth for every classroom drop at every school
-Six 100mbps Ethernet network connections per classroom
-Wireless 802.11b/g network access at 65 campuses
-Air-conditioned wiring closets for main data frame areas
-Centralized Storage Area Network (SAN) equipment at our northern (Reagan High School) and southern (Crockett High School) data centers
-Additional data centers at Travis High School (primarily web servers), City of Austin (Notes servers and several application servers) as well as an Operations Center (IFAS, SASI, backup, SAN for IFAS and SASI and printing facilities) and a Network Operations Control Center (NOCC) housing core telephony, voice mail, core routing servers, paging servers and other equipment, in addition to GAATN partner racks.
-Redundant 200Mb Internet access connections located at the NOCC and at COA, as well as a 10Mb Internet2 connection
-District- wide Lotus Notes email, secure instant messaging and collaboration software
-One telephone per classroom (for a total of 11,500 handsets District-wide)
-IP based voice trunks connecting each PBX across the WAN network
-Server-based and IP-manageable voicemail
-PA/Intercom in each classroom
-Upgraded video capabilities, including IP-based video

Technical Support
The following technical support is currently in place.
-12 full time computer technicians are employed by the district .
-Technical support requests are submitted online or called into the Help Desk. Technicians in the Desktop Support group prioritize and respond.
-Technical support agreements are purchased with hardware purchases.
-Most campuses do not have Campus Tech Specialists, however some campuses have budgeted locally to staff technology support.

Existing Technology
The following technology is currently in place:
District-Wide
-Direct connection to the Internet via fiber optic network.
-100 MB to classroom computers.
-District web servers in place providing district and campus web sites.

-Written policies in place on acceptable use of the Internet, internet filtering software is in place.
-Server storage space available for every student and employee.
-Email accounts for all staff.
-Interactive video conferencing equipment available to campuses.
-Wireless network for mobile computing available at every campus.
-Mobile computer labs at every school (COWS – Computers On Wheels)
-Multimedia projectors available at each campus.
-Digital tools such as video and still cameras available at each campus.
-Digital media delivery to every classroom (digital video).
-Austin Instructional Management System for benchmark assessments with immediate feedback.
-Student Information Systems provide teachers with student data to guide instruction.
-30,000 student computers
-5,500 teacher computers

B. Classroom: Every classroom in the District is wired with six 100mbps Ethernet drops. Five are used for computers and one is reserved for a printer. Additionally, each classroom has a telephone, a PA drop, and a coaxial video drop. The District has a student to computer ratio of approximately 4.5 students per computer. The District has approximately one laser printer for every four classrooms. However is should be noted that currently many of these computers and printers are at end of life.

The student and teacher computer architectures use either a variation of the Microsoft Windows or Apple operating systems. The video drop is connected to a television which provides access to the cable vision network.

C. Library: The campus libraries use the SIRSI system for electronic checkout and inventory. They also have multiple drops used for circulation desk, online search and research. There are drops and computers in every library.

D. Lab: There are multiple labs in the secondary schools, including a dedicated reading lab. All elementary campuses have at least one computer lab.

E. Campus Network: Each campus has a LAN that interconnects the classroom drops with a router (switch? Thought only had routers in supernodes/Rob) and a 1 Gbps connection to the WAN. Additionally, every campus has a telephone switch and a public address system as well as a connection to the cable network.

F. WAN: AISD owns and operates the WAN. It uses the fiber provided by the Greater Austin Area Telecommunications Network (GAATN) of which AISD is one of seven partners. GAATN is comprised of approximately 300 miles of single mode fiber optic cable located across the city of Austin. GAATN carries voice, data, and video across a backbone of 9 fiber sub-rings and 2 fiber Super-rings. These fiber rings interconnect all AISD campuses and provide redundancy in the event of a fiber cut. The network electronics installed on this fiber backbone support the RPR network at OC48 (2.5 Gbps on each sub-ring) and OC19210Gbps. The WAN also provides connectivity to the Internet though two 1 Gbps redundant connections diversely routed into the University of Texas: one at the Carruth Administrative Center, the other at the City of Austin facility on 4th Street.

G. Application Software: The application software is determined by instructional or administrative need. District standard applications are published and updated periodically.

H. Network storage: Currently there is 44Tb of storage available for students and staff on two SAN devices. Additionally, a separate 3 TBSAN provides business systems with separate and secure access to business and student information. Staff, secondary students, and individual classrooms each have discrete areas to store, retrieve and share documents. Access to stored information is regulated according to the user's identity and role in the District.

I. Security: The District security architecture is a tiered system providing many levels of protection from unauthorized access? from the user, through the desktop, to all aspects of the LAN and WAN. Users are the key to AISD technology security. The technology allows for virus control, spyware management and data protection; however, users must be aware of security, and protect their individual user IDs. Additionally, filtering is implemented to eliminate access to inappropriate content on the Internet

J. Disaster Recovery: The District has contingency processes in place; for example, the wide-area backbone network is built to withstand fiber cuts, power loss, and most equipment failures. In addition, District supernodes, and the NOCC have both battery and generator backup systems in place. The District has tape backup systems for the file server SANs at CAC, physically removed from the actual systems, and stores archival tapes from the business system SAN off-site. The District is currently capable of resuming essential IFAS and SASI operations within three business days of disruption of operations at CAC. There are only limited contingencies for dealing with the loss of the telephony at the headquarters operation. Attention to contingency planning will be a top priority this year as the new enterprise applications are implemented.

K. Facilities: The District currently has several data centers, located in three supernodes (Crockett, Reagan and Travis High Schools), at the NOCC and in the Operations Center at CAC. All these facilities are operating at or very close to maximum utilization of space, power, or air conditioning capacity. In addition, only the NOCC facility has a fire suppression system and a

backup air conditioning system, and only the Operations Center has centralized battery backup power. Utilization of space for Information Systems employees and attendant work areas is also at a limit. Planning for a centralized center capable of handling both servers and staff is a priority for IS for the coming year, starting with planning for funding from an upcoming Bond offering.

Technology Needs:
All learners need:
-access to relevant technologies, tools, resources and services for individualized instruction 24/7.
-access to information and communication technologies to collaborate, construct knowledge and provide solutions to real-world problems.
-skill in using research based strategies in all subject areas to improve academic achievement.
-ability to communicate effectively in a variety of formats for diverse audiences.

All educators need:
-new learning environments that utilize technology as a flexible tool where learning is collaborative, interactive and customized.
-integration of appropriate technology throughout all of curriculum and instruction.
-skill in interpreting data to drive instruction
-support and training to integrate technology with instruction

The working groups have identified five high needs areas related to teaching and learning that technology can impact.
1. Accessibility
2. Delivery of Instructional Resources
3. Teacher-Student and Student-Student Interaction
4. Teacher – Parent Interaction
5. Accountability and Assessment

Leadership and Administration

These needs must be addressed by district leadership:
-develop, implement, budget for and monitor a dynamic technology plan
-expanded instructional opportunities to students via online digital content
-opportunities for sustained, relevant and timely staff development in a variety of formats.
-appropriate technology use throughout the teaching and learning process.
-easy access to student data for effective analysis and decision making
-an electronic communication system to foster collaboration,
-a comprehensive student data system
-secure access to data for all stakeholders.
-business practices with an all inclusive software package.
-creation and support of applications to meet the requests of instructional leaders.

Integrated Applications
In moving from a disjointed data structure to a more effective relational data structure, the types of support required will change. There will no longer be a need for as many programmers to write complex code to pull data. End-users at both the campus and department levels will be enabled to view data across the District in varying levels of detail according to defined limitations based on security access. Application Development staff will focus on maintaining any customization within packaged software, assist end-user development efforts, support end-user queries and ad hoc reporting, and continue web development to support information access.

Data Warehousing
As AISD builds a data warehouse and repository, there will be several layers that will need planning and implementation. Another area that will be concentrated on is the consolidation of existing applications and by what means they will become a part of the data warehouse and portal projects.

Internet/Intranet Access—Web Portal
Access to Internet and intranet capabilities provides AISD the ability to share forms and data without maintaining stockpiles of paper forms inventory, manuals, and files. The internal web site will support publishing of department procedures, forms, contacts and other internal department level information – in general, a wealth of information that is not readily available to all District employees.

Identity Managment
In a partnership with NSS, Information Systems will assist in creating an identity management vault. All AISD employees will have a single log-in and through the web portal will gain access to all tools needed to complete their job duties.

Document Management

Austin Independent School District has amassed literally rooms full of paper files stored in both filing cabinets and storage boxes across the District. These documents are kept either at the discretion of District staff or for specific legal requirements. Competition for office space continues to rise, making it imperative that the District review alternative data presentation and storage options. Decisions to improve this aspect of the District involve document management at a District level as supported by Information Systems

Infrastructure

The infrastructure must meet these needs:
-ensure all data is secure and accurate.
-provide data standards to support interoperability and accessibility for all users.
-equitable access to e-learning technologies for all users.
-technical assistance to support teaching and learning.
-reliable access to all computers and systems
-a robust network within and between schools.

Wide Area Network
The WAN will evolve with changing technology and will grow in capacity to meet increased demands. Remote access will be implemented for students, parents and staff using techniques including virtual private networks, web reverse proxies, and authenticated web access. Parents will be able monitor student progress. Students will be able to access homework and reference material from outside the school environment. Staff will be able to access their HR, payroll, benefits and associated work information. By 2012 the WAN and LAN infrastructure will be over eight years old and based on industry trends, may have to be refreshed.

Application Software
Application software continues to evolve based on the needs of users. The trend for software accepted for use in the District infrastructure will trend towards web-based and user-authenticated software, relying less on desktops and more on concentrated server power.

Network Storage
Storage will follow industry trends and technologies that meet the security and availability needs of the District. Collaborative access to data will be key for groups—and virtual groups—of students working together. Centralized data storage will ensure proper data access protection through redundancy and backups

Security
All levels of security will be addressed: security for desktops, applications, data, and the network admission control for the network infrastructure. In addition, web content filtering capabilities will continue to be refined and enhanced based on community standards. Processes and procedures for security will be redeveloped, communicated and enforced. A single sign-on and password will make it easier for users to access multiple systems and appropriate data.

Disaster Planning
AISD will implement new disaster recovery solutions, including multiple levels of redundancy for data and applications systems. Through the implementation of network storage devices and automated tape libraries, the District will have mirrored copies of its critical applications and data at multiple locations. This will allow critical systems to remain functional in the event of a large-scale disaster.

Goals, Objectives, and Strategies

GOAL 1: Goal for Teaching and Learning: Teaching & Learning focuses on the instructional needs of teachers and the learning needs of students in meeting the vision of technology in education. All Learners: ·have access to relevant technologies, tools, resources and services for individualized instruction 24/7. ·use information and communication technologies to collaborate, construct knowledge and provide solutions to real-world problems. ·use research based strategies in all subject areas to improve academic achievement. ·communicate effectively in a variety of formats for diverse audiences.

OBJECTIVE 1.1:

Integrate the Technology Applications TEKS within the foundation curriculum at each grade level.

Budget Amount $300,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 04a, 07

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
1.1.1:	Expand and refine the technology applications instructional planing guides for grades K-8. Team of teachers develop at least four, high quality core technology activities for each grade level and each foundation content area (Math, Science, Social Studies, ELA aligned to the core curriculum. LEA LRPT Correlates: EP04, TL01	State: Original Status: In Progress	2007-2008	Director of Instructional Technology, Director of Curriculum	Technology applications Instructional planning guides available online. All resources and materials needed may be downloaded including student samples.
1.1.2:	Provide licensing and promote use of EasyTech / Learning.com online Technology Applications curriclum for grades K-8. Provide AISD/EasyTech scope and sequence as a guide for implementation with recommendations for core content integration. Train campus Instructional Technology Resource Contact as the Learning.com campus admin to manage accounts and support/coach teachers. Comments: Most elementary campuses are using EasyTech. Working to increase use in grades 6-8. LEA LRPT Correlates: EP01, EP02, EP09, TL03, TL06	State: Revised Status: In Progress	2007-2010	IT Staff, Campus ITRC's	All elementary and middle school Instuctional Technology Resource Contacts manage EasyTech accounts for the school. All students and teachers have accounts. Teachers understand how to use EasyTech in the context of the core curriculum. Teachers have appropriate EasyTech lessons setup for student use. EasyTech course managment system shows students have completed lessons.

OBJECTIVE 1.2:

Offer and provide Technology Applications courses in HS to meet the curriculum and graduation requirements specified in 19 TAC Chapter 74 and specialized technology course offerings in MS and HS .

Budget Amount $60,000.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 04a

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.2.1:	Ensure that all Austin ISD high schools offer at least four of the eight state-mandated technology applications courses to their students. Comments: We have had some difficulty in maintaining qualified teaches for Tech Apps courses. Principals want to staff CTE positions because they get extra funding. LEA LRPT Correlates: TL02	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; IT Staff	High school course sheets will indicate that at least four technology applications courses are offered at each campus. Student / School data will verify that at least four courses are delivered to students.
1.2.2:	Actively recruit teachers with Technology Applications certification and support AISD teachers who choose to seek certification. LEA LRPT Correlates: TL02	State: Original Status: In Progress	2007-2010	Director of HR, Director of Instructional Technology	All AISD teachers who deliver instruction in the high school technology applications courses are appropriately certified to do so.
1.2.3:	Support all HS Tech Apps courses and increase enrollment in all courses eligible for the Technology Credit. Comments: Bond funds will allow us to upgrade hardware and software for Tech Apps courses. LEA LRPT Correlates: TL01, TL02	State: Original Status: In Progress	2007-2010	Director of Curriculum, and Director of CATE	Increased enrollment in under enrolled technology courses.
1.2.4:	Implement a keyboarding requirement for all MS students. LEA LRPT Correlates: TL01, TL02	State: Original Status: Completed	2007-2008	Director of Curriculum, and Director of CATE	All MS students will have demonstrate keyboarding proficciency by one of the following: 1)Enfollment in keyboarding for HS credit, 2) Erollment in Intro to keyboarding, 3) Demonstrated keyboarding proficiency on district developed assessment

OBJECTIVE 1.3:

Use digital diagnostic tools for formative evaluation to monitor progress toward the mastery of instructional objectives. Integrate student performance data from district/state assessment instruments with electronic curriculum resources to inform and differentiate instruction for every child.

Budget Amount $1,200,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 04a, 11

Strategies	State/Status:	Timeline:	Person(s)	Evidence:

				Responsible:	
1.3.1:	Design and build a centralized Austin Instructional Management System (AIMS) for online reporting of benchmark assessment data. Provide teachers access to relevant student assessment data. LEA LRPT Correlates: LAS05, TL04, TL05	State: Revised Status: Completed	2007-2008	Executive Director of Curriculum; Content-area specialists; Director of Instructional Technology	AIMS is available online 24/7 with teacher friendly access providing relevant student data that guides instruction.
1.3.2:	Campus Benchmark Tech and Benchmark Coordinator provide first level support for teachers using AIMS reporting features and are trained to print answer sheets and scan and upload results to server. Comments: Ongoing training will continue for new Benchmark Contacts. LEA LRPT Correlates: EP03, LAS08, TL04	State: Revised Status: In Progress	2007-2010	Benchmark Coordinator, Campus Benchmark Team	Benchmark Tech and Benchmark Contact identified on each campus. Assessment results successfully scanned and reported.
1.3.3:	Migrate AISD Instructional Planning Guides to an online searchable database that can be easily revised and updated on a contnuous basis. Comments: Planning work, project specifications are have been developed. Programming is underway. LEA LRPT Correlates: TL07	State: Revised Status: In Progress	2007-2008	IT New Media Producer, Benchmark Coordinator, Curriculum Director	Searchable IPGs are available online 24/7 and are utilized by teachers. IPGs are easily updated by curriculum departments.
1.3.4:	Transform the Instructional Planing Guides to online interactive environments with links to resources and digital media desiigned to support differientiated instruction. Comments: Request for Information for a Digital Content Warehouse has been issued. Proposals are being evaluated. LEA LRPT Correlates: TL07	State: Revised Status: In Progress	2008-2010	IT New Media Producer, Director of Curriculum	Interactive, media rich, IPGs are available online. Teachers see links to resources as relevant and useful in supporting instruction.
1.3.5:	Link student assessment data in AIMS to relevant curriculum resources in the IPGs to enable differentiated instruction. Comments: Progress is being made. Curriculum writers are revising planning guides and collecting resources.	State: Revised Status: In Progress	2008-2010	IT New Media Producer, Director of Curriculum	Teachers use AIMS to acquire the instructional resources they need to differentiate instruction.

		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	LEA LRPT Correlates: EP03, LAS08, TL07				
1.3.6:	Refine and expand reporting features of AIMS. Train teachers to access data and make valid instructional decisions. LEA LRPT Correlates: EP03, TL04	State: Original Status: In Progress	2007-2010	Benchmark Coordinator, Director of MIS, Director of Curriculum	Teachers as individuals and teams use AIMS to acquire formative student assessment data they need to make instructional decsions.

OBJECTIVE 1.4:

Develop strategies to monitor and document progress of integration of technology into curricula and instruction and to monitor and report student mastery of the Technology Applications TEKS to TEA.

Budget Amount $150,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 04a, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.4.1:	Require all 5th and 8th grade students to take the online Technlogy Literacy Assessment developed by a previous grant in partnership with Learning.com. Comments: All 5th and 8th grade students completed the online Tech Literacy Assessment. District wide, approximately 50% of students were proficient. LEA LRPT Correlates: TL06	State: Revised Status: In Progress	2007-2010	Director of Instructional Technology, Benchmark Assessment Coordinator	100% of 5th and 8th grade students take the online TLA in May. 90% of students will receive a "proficient" score.
1.4.2:	Report and analyze results of 5th and 8th grade Technology Literacy Assessment paying attention to performance gaps between student groups. Comments: Gaps have been identified. Students with higher levels of poverty do not perform as well on the Tech Literacty Assessment. Extra effort will be made to increase tech access at these campuses. LEA LRPT Correlates: TL06	State: Original Status: In Progress	2007-2010	Director of Instructional Technology, Benchmark Assessment Coordinator	Results of performance reported to campuses and district leadership including annual report to the Board of Trustees. TLA Results available online via AIMS reports.
1.4.3:	Students use EasyTech online curriculum to learn and master Technologty Applications TEKS. Suggested scope and sequence provided for all teachers K-8. Comments: Initial scope and sequence provided. Updates and revisions will be completed as new planning guides are developed.	State: Original Status: In Progress	2007-2010	Director of Instructional Technology	Usage reports indicate teachers using EasyTech course management system to monitor student progress on completion of lessons.

		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	LEA LRPT Correlates: EP04, TL01, TL03, TL06				
1.4.4:	Campus technology plans outline actions to ensure a comprehensive plan is in place for teaching the Technology Applications TEKS. Comments: Campuses have submitted tech plans focusing on Teaching and Learning and Educator Staff Development. LEA LRPT Correlates: LAS01, TL01, TL03	State: Original Status: Completed	2007-2010	Director of Instructional Technology	Campus Technology Plans published annually and available for review. Plans detail approach for integration of Technology Application TEKS in foundation courses.

OBJECTIVE 1.5:

Provide curriculum to ensure personal safety for students in a digital world and Acceptable Use Policies that specify expectations and rules for students, parents, and teachers.

Budget Amount $300,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02
NCLB Correlates: 02, 09, 10

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.5.1:	AISD Counseling Dept and District Safety officers establish an Internet Safety Committee Implement / revise as necessary Internet safety standards and Acceptable Use Policy. LEA LRPT Correlates: TL14	State: Original Status: In Progress	2007-2010	Director of Instructional Technology in collaboration with the Educational Technology Advisory Committee and the Director of Network Systems and Support, and Director of Counseling.	Internet safety policy and Acceptable Use Policy supported by the Internet Safety Committee, the Educational Technology Advisory Committee and Board of Trustees. Policy posted online and explained to teachers through district training sessions and online resources.
1.5.2:	Internet Filtering Committee meets twice a year to review policy. Process and criteria established for requesting a web site be blocked or unblocked. Active classroom monitoring is stressed as a first line filter. Teachers are trained to establish clear expectations and consequences for actions based on the AUP and Student Code of Conduct. Comments: Internet Filter committee will be a sub-committee of the Educational Technology Advisory Committee. LEA LRPT Correlates: TL14	State: Original Status: In Progress	2007-2010	Director of NSS, and Director of IT	Yearly report from Internet Filtering Committee. Filtering policy posted on District web site. Staff understands process for requesting changes to filter. Teachers actively monitor student use of the internet and set clear expectations for internet use.
1.5.3:	Model the teaching of ethics including intellectual property rights in professional	State: Original	2007-2010	Director of Professional Development,	Training materials demonstrate a focus on ethical use of technology.

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
development with the expectation that teachers will model ethical use of technology in the classroom. LEA LRPT Correlates: EP01, TL14	Status: In Progress		Director of IT	
1.5.4: Develop an internet Safety Curriculum for implementation by classroom teachers. Materials and resources available online. Training provided for teachers. LEA LRPT Correlates: EP01, TL14	State: Original Status: In Progress	2007-2008	Director of Instructional Technology; Instructional, Director of NSS, Internet Safety Committee	Materials and resources made available online. ITRC delivers campus training. Instruction delivered to students.
1.5.5: Provide campuses with software to monitor and control student internet access. Comments: LanSchool and ARD licenses in place. Continuing to rollout and train teachers to use the tools. LEA LRPT Correlates: TL14	State: Original Status: In Progress	2007-2008	Director of NSS	Licenses acquired and software installed for LanSchool and Apple Remote Desktop. Teachers trained to use the software.
1.5.6: Conduct Internet Safety presentations for parents and community at the campus level and district level. Related resources also available online. Comments: Have conducted several presentations for counselors and various campuses. Will continue and increase frequency. LEA LRPT Correlates: TL14, TL15	State: Original Status: In Progress	2007-2010	Internet Safety Committee	Campus calendars indicate presentations conducted. Online materials available on AISD web site.

OBJECTIVE 1.6:

Implement innovative programs that promote parental and student involvement, increased communication with parents, students and community members, and community access to educational resources.

Budget Amount $120,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 09

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.6.1: Provide a means for students to readily communicate with teachers and administrative personnel. LEA LRPT Correlates: I08, TL16	State: Original Status: Planned	2008-2010	Director of Management and Information Systems	Creation of a communications channel; Site metrics relate to usage; Measurement of student educational outcomes (grades, attendance, test scores
1.6.2: Provide students secure access to district resources 24/7.	State: Original	2008-2010	Director of NSS, Director of MIS	Network metrics indicate students using secure access

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
Students access would include access to data storage. LEA LRPT Correlates: I03, TL09, TL13	Status: Planned			to district access.
1.6.3: Implement new web based gradebook and implement online parent access to grades and attendance data. Comments: GradeSpeed has been purchased. Implementation adn training plan is in place. LEA LRPT Correlates: I08, LAS11, TL15	State: Original Status: In Progress	2008-2010	Director of MIS	All teachers use GradeSpeed for online gradebook. Parents access grades and attendance online.
1.6.4: Continue annual Austin Student Digital Film Festival to showcase student made films. Provide workshop for interested teachers. Showcase select student films on district web site. Comments: Successful Film Fest held this year. Over 250 people attending. Select films will be hosted on web site. LEA LRPT Correlates: TL08, TL15	State: Original Status: Completed	2007-2010	Director of Instructional Technology	Austin Student Digital Film Festival event held in May and promoted to community as a public event. eCampus indicates FilmFest workshop held. Some films showcased on district web site.
1.6.5: Encourage the use of collaborative web spaces that provide safe effective email and web space for students and teachers. Resources such as Oracle's Think.com. (Web 2.0 Wikis, Blogs etc…) Comments: IT staff modeling the use of collaborative web sites. Many teachers are using them with students. Curriculum Dept has established a wiki for staff collaboration. LEA LRPT Correlates: TL16	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; IT Staff	Teachers and students use online collaboration in safe environments.

OBJECTIVE 1.7:

Ensure that school libraries have the latest technology and online resources for student research and curriculum integration and to assist teachers in teaching information literacy and Technology Applications Skills.

Budget Amount $1,200,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 07, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.7.1: Work with Library and Media Services to provide adequate	State: Revised	2008-2010	Director of Instructional	A robust variety of online resources will be provided to

		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	online databases and reference materials to AISD students and teachers. Provide new user friendly interface for all library resources Comments: We have begun work on the new interface to make it easier for teachers and students to access the resources. LEA LRPT Correlates: LAS09, TL10	Status: In Progress		Technology; Director of Library and Media Services	students in order to enhance research capabilities and skills. iBisto will be complemented with recommended, web-based materials for student, teacher, and community use. Usage reports from various electronic, online databases indicate increased use by students and teachers.
1.7.2:	Acquire license for Nettrekker as a K-12 "student-safe" search engine. Provide Nettrekker training. Librarians train staff in use of Nettrekker. LEA LRPT Correlates: EP09, TL10, TL11	State: Original Status: Completed	2007-2010	Director of Instructional Technology; Director of Library and Media Services	Nettrekker license in place, accessible from all district computers. Librarians attend workshops and use Nettrekker with students. Sign in sheets indicate staff attended training for Nettrekker.
1.7.3:	Explore use of new technologies in libraries to expand the computer access to students and community. (Thin Client, Flexible Coimputing etc…) Comments: Testing various thin computing environments. Currently have not found one that can handle multimedia elements well. Works well for less robust activity. LEA LRPT Correlates: I05, TL10	State: Original Status: In Progress	2008-2009	Director of NSS; Director of Library and Media Services;	Test environments established in two libraries for thin client/flexible computing pilot.

OBJECTIVE 1.8:

Utilize innovative strategies for the delivery of the foundation curriculum to meet the diverse and personal learning needs of all students.

Budget Amount $600,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 04a, 07

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.8.1:	Use "distance learning" including online distributed learning and interactive video conferencing and synchronous and asynchronous online communication for expanded curricular offerings and meeting the needs of homebound and other students. Comments: Purchasing additional portable video conference units. Learning to utilize built in web cams for peer	State: Original Status: In Progress	2007-2010	Director of Special Education; Director of Instructional Technology; Distance Learning Coordinator	Vitual School Pilot continues; 20 or more students served; list of courses being offered to students with special needs via distance or distributed learning. Video conferencing used, when appropriate, to provide students with special needs opportunities for inter-school communication and collaboration.

	to peer conferencing. LEA LRPT Correlates: I05, TL09, TL13				
1.8.2:	Acquire Region 13 contract for Discovery Streaming digital content. Streamed digital video available to classrooms on demand. Links to appropriate content including in IPGs. LEA LRPT Correlates: TL13	State: Revised Status: Completed	2007-2010	Director of Instructional Technology; Director of Library and Media Services; Executive Director of Curriculum	All teachers have United Streaming accounts and can login. Training sessions available in eCampus. Usage reports indicate increasing levels of use. Digital video links embedded in IPGs.
1.8.3:	Provide special events, and pilot courses using interactive video conference rooms and portable units. Events include student/teacher interactions and staff development sessions including internal district sessions and outside the district. Train teachers to use interactive video equipment. LEA LRPT Correlates: EP08, I06, TL08, TL09, TL13	State: Original Status: In Progress	2007-2010	Distance Learning Coordinator; Instructional Technology Professional Development Specialist.	Documentation (sign-in sheets, training materials, evaluations) of successful interactive video conference based events.
1.8.4:	Promote the use of technology as a tool of inquiry and communication. Utilizing student centered technologies to produce evidence of learning. (concept mapping, digital video production, multimedia presentations, webcasts, research) Comments: Collaborative web sites set up to showcase the work teachers and students have done. Podcast server in place. LEA LRPT Correlates: TL01, TL04, TL05, TL06, TL08	State: Original Status: In Progress	2007-2010	Director of Instructional Technology, Director of Curriculum	Appropriate software is selected for the task. Students products are enhanced by the technlogy. All teachers and students have access to the digital tools they need for their work.
1.8.5:	Establish district "webcast" (Podcast) server for staff and student use. Training is available for staff. Comments: Podcast server in place internally. Next step is to take it outside the firewall. LEA LRPT Correlates: EP01, TL08, TL12, TL15, TL16	State: Original Status: In Progress	2008-2009	Director of NSS, Director of Instructional Technology	Staff and student created webcasts available on district web site. Ecampus records indicate webcast/Podcast workshops offered and attended.
1.8.6:	Implement pilot programs for the use of handheld devices (iPods or similar device) to enhance language acquisition in English Language Learners. Comments: Several pilots were successful, especially with ELL	State: Original Status: In Progress	2008-2009	Director of Instructional Technology, Director of Bilingual Education	Two pilot programs implemented involving one MS and one HS and six teachers. Evaluation and analysis of results completed by Office of Research and Evaluation and Department of Bilingual Education.

	students. Programs will continue in 2008-2009 and new programs will begin. LEA LRPT Correlates: TL08, TL09, TL12, TL13				
1.8.7:	Ensure that all instructional software purchased meets AISD instructional standards and is supportable in our infrastructure. Web based solutions will be preferred for efficient implementation and support. LEA LRPT Correlates: TL05	State: Original Status: In Progress	2007--2010	Director of Network Systems and Support, Director of Curriculum, Director of IT	All instructional software purchases are approved by the Bureau of Curriculum and Network Systems and Support. Web based solutions will be included in specifications when possible.

OBJECTIVE 1.9:

Ensure accessibility by all students to technology-based instruction and adaptive/assistive devices as appropriate.

Budget Amount $300,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 03

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.9.1:	Increase teacher awareness of adaptive/assistive technologies. Provide support and equipment for the Assistive Technology team. Awareness sessions held and information posted on Sp Ed Web site. LEA LRPT Correlates: EP09, TL09	State: Original Status: In Progress	2007-2010	Director of Special Education, Director of Instructional Technology	All students who need assistive devices are provided with them and use them appropriately; teachers select appropriate devices for students and tasks and consistent with Individual Education Plans. Training sessions in eCampus and information posted on Sp Ed web site.
1.9.2:	Ensure all AISD web pages are accessible to people with disablties. Include accessibility criteria in all sofware evaluations. Comments: Webmaster attended conference and attended training on accessibility issues. New development incorporates these features. LEA LRPT Correlates: I08, TL15	State: Revised Status: In Progress	2007-2008	IT New Media Producers, AISD Web Team, Special Ed Team, Director of IT	All AISD web pages are compliant with Section 508 standards. Software selection committees include accessibility criteria.

OBJECTIVE 1.10:

Utilize innovative strategies for the delivery of specialized or rigorous courses and expanded curricular offerings through the use of technology, including distance learning and digital content services to meet the diverse and personal learning needs of all students.

Budget Amount $300,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 02, 06, 08

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
1.10.1:	Work in conjunction with the Department of School to Career, Austin Community College and other entities to provide dual credit and early college credit via distance learning as recommended in the SREB audit and as part of high school redesign. LEA LRPT Correlates: LAS15, TL13	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; Director of Instructional Technology; Director of School to Career; Associate Supt. of High Schools; Austin Community College staff as appropriate	A list of potential dual credit / early college credit course that is available through distance learning will be presented to the Executive Director of Curriculum and Chief Academic Office for consideration.
1.10.2:	Support all school to college /career programs in coordination with principles of and efforts for high school redesign. LEA LRPT Correlates: EP02, TL02, TL13	State: Original Status: In Progress	2007-2010	Director of CATE	Increase in technology pathways / majors; evidence of efforts to provide certification programs for students in technology fields; minutes / notes verify efforts to work collaboratively with CATE in development of high school pathways and majors related to technology
1.10.3:	Support DELL TechKnow program in coordination with Austin Partners in Education to prepare middle school students for technology pathways and majors in high school. Comments: All but two MS campuses had Tech Know program. LEA LRPT Correlates: LAS13, TL15	State: Original Status: In Progress	2007-2010	Austin Partners in Education Technology Coordinator; Director of Instructional Technology; Campus TechKnow staff and facilitators; DELL TechKnow staff and administrators.	Program successfully implemented in all middle schools by 2010.
1.10.4:	Develop, implement, support, a student run help desk program at six pilot middle schools as a way to prepare middle school students for high school technology pathways and majors. Comments: Student Help Desk has kicked off in three middle schools. Will expand to at least three more next year. LEA LRPT Correlates: TL12	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; Austin Partners in Education Staff	Pilot project and staff and student training complete at six middle schools. Pilot student help desk established. Program expanded to all middle schools by 2010.
1.10.5:	Develop and cultivate technology applications programs and courses in conjunction with the Department of Career and Technology Education and the Department of Instructional Technology LEA LRPT Correlates: EP02, TL02	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; Director of CATE; Executive Director of Curriculum.	Student enrollment increases in a wider variety of courses for required Technology Credit and as electives. Continuing training opportunities available for teaches of these courses.
1.10.6:	Explore the concept of a "Virtual	State:	2008-	Director of	Committee formed to explore

High School" and "Virtual Middle School" for online course delivery. Establish procedures for compiance and begin online course delivery. Comments: Group is looking at options. Moodle server has been setup internally. Will move it outside firewall soon. Discussing options with Texas Virtual Schools Project. LEA LRPT Correlates: LAS15, TL13	Original Status: In Progress	2010	Instructional Technology, Director of Curriculum	possiblity of offering online courses to AISD students. Online courses offered to AISD students..

GOAL 2: Educator Preparation and Development: Educator Preparation and Development addresses the staff development needs not only of teachers but of all the members of the professional education community. All educators will: -develop new learning environments that utilize technology as a flexible tool where learning is collaborative, interactive and customized. -ensure integration of appropriate technology throughout all of curriculum and instruction.

OBJECTIVE 2.1:

Provide professional development for teaching and integrating Technology Applications into the foundation and enrichment TEKS.

Budget Amount $3,600,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 04a, 04b, 07

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.1.1:	Provide and promote the integrated AISD technology applications curriculum to administrators, teachers and parents as a resource for what students are expected to achieve in Austin ISD relevant to the technology applications TEKS. LEA LRPT Correlates: EP01, EP04, LAS03, TL01, TL06	State: Original Status: In Progress	2007-2010	IT Staff	Austin ISD integrated technology applications curriculum is published in the form of core content instructional planning guides available at AISD Curriculum website. Additionally, a matrix of Austin ISD integrated technology applications TEKS is available along with a suggested scope and sequence.
2.1.2:	Provide technology integration professional development for core content teachers based on the AISD Technology Applications Instructional Planning Guides. Comments: Many courses available during summer. Some online training available. Stipends or equipment provided for many sessions. LEA LRPT Correlates: EP01, EP04, TL01	State: Original Status: In Progress	2007-2010	Director of Instructional Technology, IT Staff	Workshops listed in professional development catalogue, IT Staff organizes and conducts on-campus sessions. Team representatives from each campus attend Tech Apps IPG orientations.
2.1.3:	Work with curriculum staff to incorporate technology applications TEKS and related skills into core content and enrichment areas including bilingual and ESL training. Core technology activities, assumed expereinces specified and published in the Instructional Planning Guides. Comments: New online planning guides will include fields for technology integration ideas.	State: Original Status: In Progress	2007-2010	IT Staff, Core content area leaders; Executive Director of Curriculum	Core curriculum for content-specific training include provisions for integrating technology into instruction. Published IPGs include core technology activities.

	LEA LRPT Correlates: EP01, LAS03, TL01				

OBJECTIVE 2.2:

Support teachers in developing classroom websites and online resources to share lessons, monitor student progress, and establish regular communication with parents and students.

Budget Amount $900,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 04b

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.2.1:	Use the AISD intranet and internet sites and other relevant technology to develop and share effective model lessons that successfully integrate technology in the content areas. LEA LRPT Correlates: EP01, TL16	State: Original Status: Planned	2007-2010	Director of Instructional Technology; Instructional Technology Professional Development Specialist	Robust material--including instructional activities and student samples--are provided and utilized on the AISD intranet and internet sites. This material is clearly correlated to relevant TEKS and the AISD Matrix and Instructional Planning Guides.
2.2.2:	Create an AISD Online Community (Message Board) where teachers can dialogue and share strategies and resources within online professional learning communities. Comments: Message board, AISD Online Community is being used. Will work to expand use to non-tech groups. LEA LRPT Correlates: EP01, EP09, LAS13	State: Original Status: Completed	2007-2008	Director of IT and Director of Curriculum	AISD Online Community (The Forum) is available 24/7 for all AISD Staff. Professional Learning Communities take advantage of the online collaboration.
2.2.3:	Provide training and support for the development of campus web pages that are integrated into the district's web site. LEA LRPT Correlates: I08, TL15	State: Original Status: In Progress	2007-2008	AISD Web Manager	Each Campus has a web site accessible via the AISD web site with current and timely information for parents and students.
2.2.4:	Provide a "teacher web site" for every AISD teacher that can be created and maintained through an internet browser and is integrated into the campus web site. Provide training and support. Comments: System in place for Teacher Web Pages. Working to increase use and make Principal's aware of the	State: Original Status: In Progress	2008-2010	Web Team, IT Staff	Teachers have individual web sites with current and timely information.

tool and raise expectations.				
LEA LRPT Correlates: I08, TL16				

OBJECTIVE 2.3:

Utilize innovative strategies for the delivery of ongoing professional development through the use of technology, including online and other distance learning and digital content services.

Budget Amount $1,600,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 04a, 04b

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
2.3.1:	Develop video vignettes that document the integration of AISD technology and the principles of learning into instruction to showcase outstanding instruction. Comments: Several videos complete, more will be added. LEA LRPT Correlates: EP01, EP02, EP08, LAS10	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; Instructional Technology Media Producer	Videos available online and used in staff development sessions. At least four videos per year developed.
2.3.2:	Re-design and re-establish the Bureau of Curriculum website to provide high levels of customer service. Comments: Math dept and Social Studies depts complete. Work has begun on other departments in the Curriclum Bureau. LEA LRPT Correlates: EP01, EP08	State: Original Status: In Progress	2007-2008	Director of Instructional Technology; Instructional Technology Professional Development Specialist, Instructional Technology Media Producer	A new, robust website will provide high levels of customer satisfaction by providing staff with links to relevant resources for instructional support.
2.3.3:	Expand the use of interactive video conferencing using labs and mobile stand alone video conference units for staff development. Provide professional training on use of interactive video conferencing as an instructional tool to curriculum, administrative, and teaching staff. LEA LRPT Correlates: EP08	State: Original Status: In Progress	2007-2010	Distance Learning Coordinator, Director of Professional Development	Increasing number of video conferences/events scheduled and and incorporated into staff development opportunities. Sign-in sheets from professional development sessions; supplemental pay forms, where applicable. Training manuals and evaluations.
2.3.4:	Develop and implement an online message board called "The AISD Online Community" to provide a collaborative space for smaller learning communities throughout the district.	State: Original Status: Completed	2007-2008	Directof of Instructional Technology	Online forum in place. All AISD staff have access. Number of posts indicates increasing usage.

		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	LEA LRPT Correlates: EP01, EP08				
2.3.5:	Expand the online staff development offerings for AISD Staff including PBS Teacherline courses, Atomic Learning online workshops, and courses developed in-house. LEA LRPT Correlates: EP01, EP02, EP03, EP08, LAS06	State: Original Status: In Progress	2007-2010	Director of Staff Development, Director of Instructional Technology	Increase in number of courses offered in AISD eCampus, and increase in number of participants.
2.3.6:	Materials and resources for all AISD staff development available online for participants. All AISD staff development opportunities available in online eCAmpus catalogue with online registration. Comments: All district wide staff development resources are available on line. Working to expand to all staff development offerings. LEA LRPT Correlates: EP08, LAS03	State: Original Status: In Progress	2007-2010	Director of Staff Development, Instructional Technology Media Producer	Staff development materials available for download from AISD web site. All staff development sessions listed in eCampus. Online registration required for participation.
2.3.7:	Explore and acquire license for online meeting software to provide collaborative meeting space for staff. Tool will incllude voice over IP capability. LEA LRPT Correlates: EP08	State: Original Status: Planned	2008-2010	Director of NSS, Director of Instructional Technology, Director of Professional Development.	Web based tool used for online meetings is available and used for professional development and staff collaboration. Virtual meetings held instead of driving to site.

OBJECTIVE 2.4:

Provide staff development and document progress of teachers towards mastery of the Technology Applications Educator Standards I-V.

Budget Amount $1,200,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 04a, 04b

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
2.4.1:	Support AISD teachers to meet and exceed SBEC standards to teach technology applications courses or the technology applications TEKS within the context of core and enrichment content. Includes: IT Training sessions, EZTech Training (on going) Atomic Learning Training (on going) United Streaming / iBistro (on going) Intel Teach to the	State: Original Status: In Progress	2007-2010	IT Staff,	Professional development resources include information on technology applications TEKS and SBEC standards; usage records indicate satisfactory usage level of electronic / online resources to support continued use; sign-in sheets, supplemental pay forms, and evaluation records document attendance, completion of course materials, and positive participant attitudes and outcomes. STaR

		State:			
	Future (on going) Custom training based upon campus request. LEA LRPT Correlates: EP02				Chart survey indicates teacher progress.
2.4.2:	Provide registration fees for campus Instructional Technology Resource Contacts to attend the Texas Computer Educators Association Conference. Comments: Will continue, and expand for the next school year. LEA LRPT Correlates: EP01, EP02, EP06	State: Original Status: Completed	2007-2010	Director of Instructional Technology; Instructional Technology Professional Development Specialist	"Records indicate that every campus has opportunity to send at least one individual to TCEA. "
2.4.3:	Develop system for teacher documentation for PDAS of the student centered use of technology in their instruction. LEA LRPT Correlates: EP05, LAS12	State: Original Status: Planned	2007-2008	Director of Instructional Technology	Teachers provide documentation to their principal with evidence of student centered technology integration as part of the PDAS evaluation.
2.4.4:	100% of AISD teachers complete the STaR Chart annually. Comments: Approximately 93% completed. Working for 100%. LEA LRPT Correlates: EP05	State: Original Status: In Progress	2007-2010	Director of Instructional Technology	Each campus reports 100% of teachers have completed the STaR Chart.
2.4.5:	Campus STaR Charts and student Technology Literacy Assessment results are used to develop campus technology plan and to determine staff development needs. LEA LRPT Correlates: EP01, EP04, EP05, EP09	State: Original Status: Completed	2007-2010	Campus Principal, Campus ITRC	Campus Technology Plans include staff development to address needs identified in STaR Chart and TLA results.
2.4.6:	Conduct awareness session for Master Technology Teacher Program, Recruit teachers to pursue program. Support teachers who begin program. Celebrate those that finish. LEA LRPT Correlates: EP06, EP07	State: Original Status: Planned	2007-2010	Director of Instructional Technology	A first round of 10 teachers will complete Master Technology Teacher Program by 2009. Successive cadres will begin program.

OBJECTIVE 2.5:

Provide training on the use of electronic tools and information to support sound, data-driven instructional decision-making.

Budget Amount $1,600,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 11

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.5.1:	Provide training and support in data examination and analysis through technology to support sound decision-making, especially in support of the Austin Instructional Management System. (AIMS) Comments: District wide staff development focused on how to use data to drive instruction. LEA LRPT Correlates: EP03, LAS08	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; Benchmark Coordinator, Curriclum Department	Records of staff development and time and effort documentation demonstrate support in data examination and analysis. Online tutorials and videos are available.
2.5.2:	Teachers learn to develop their own digital tools for assessment including customized scannable assessments, online assessments and polling devices. LEA LRPT Correlates: EP03, TL07	State: Original Status: In Progress	2008-2010	Benchmark Coordinator, Director of Curriclum	Teachers use a variety of formative assessments including digital and online formats.

OBJECTIVE 2.6:

Support teachers in exploring emerging technologies for instructional delivery and student centered technology use.

Budget Amount $1,200,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 04a, 04b, 05, 07, 08

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.6.1:	Research and evaluate hardware and software that supports District instructional objectives is, compatible with district systems and able to support. Comments: Successful bond in May 2008 will fund teacher laptops and presentation systems. Team is currently developing specifications. LEA LRPT Correlates: EP01, TL08	State: Original Status: In Progress	2007-2010	Director of Instructional Technology in collaboration with the Educational Technology Advisory Committee, Network Systems and Support and Desktop Support	Guidelines and recommendations made for technology purchases and software licensing based on instructional need.
2.6.2:	Explore use of developing software such as open source productivity tools, and web applications including	State: Original Status: In	2007-2010	Director of Instructional Technology, Director of NSS	New web based tools integrated into instruction throughout the district.

	collaborative web environments (Web 2.0) LEA LRPT Correlates: EP01, TL16	Progress			
2.6.3:	Explore the use of new affordable devices such as portable handheld computing devices, thin client models, media players, polling devices and any technology that can help students learn and increase accessibility. LEA LRPT Correlates: I04, I05, I09, TL08	State: Original Status: In Progress	2007-2010	Director of Instructional Technology, Director of NSS	Test environments established to test new technologies and evaluate their stability within the context of our current systems. Focused pilot programs will help determine educational benefits, cost-effective solutions, and alternatives to traditional hardware and software models.

GOAL 3: Leadership, Administration and Instructional Support: Leadership, Administration and Instructional Support at all levels address the creation of a shared vision, encourage and sustain the appropriate integration of technology, use modern information technology tools to embrace accountability and use data for decision-making. All leaders will: -support a comprehensive planning process for campuses and community members. -develop, implement, budget for and monitor a dynamic technology plan to meet the needs of a changing workforce and economy -offer expanded instructional opportunities to students via online digital content, and a variety of distance learning technologies. -provide opportunities for sustained, relevant and timely staff development in a variety of formats. -expect appropriate technology use throughout the teaching and learning process. -provide an electronic communications system to foster collaboration -provide easy access to student data for effective analysis and decision making -support a comprehensive student data system -allow parents to access their student's data -support business practices with an all-inclusive software package -create and support applications to meet the request of instructional leaders

OBJECTIVE 3.1:

Incorporate ongoing technology planning in classroom, library, campus, and district improvement plans.

Budget Amount $0.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 02, 03, 04a, 04b, 05, 06

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	Integrate on-going planning for technology into all classroom, campus, district, and community plans.. LEA LRPT Correlates: LAS01, LAS02	State: Original Status: In Progress	2007-2010	Chief Information Officer, Director of Instructional Technology;	Increased number of campus improvement plans include provisions for community access to educational technology resources.
3.1.2:	Require Campus Tech Plans annually that are aligned to instructional, staff development, and infrastructure needs. LEA LRPT Correlates: LAS01, LAS02, LAS03	State: Original Status: Completed	2007-2010	Director of Instructional Technology, Campus Principals	Campus Tech Plans submitted and published on AISD intranet site.
3.1.3:	Develop AISD Strategic Vision for Technology describing the future of technology integration in AISD. Comments: Tech Plan aligned with state long range plan in place. Developing AISD Education Specifications to guide new building and renovation design related to technology. LEA LRPT Correlates: LAS01, LAS02, LAS05, LAS08	State: Original Status: In Progress	2007-2008	Chief Academic Officer, Director of Instructional Technology	Vision document published on AISD web site.

OBJECTIVE 3.2:

Promote a comprehensive planning process that involves all stakeholders.

Budget Amount $0.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 04a, 05

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Develop closer relationships between instructional technology, network systems and support and other technology areas. Comments: Director of Instructional Tecnology attends Executive Technology Director's staff meetings. ETAC established for big picture review. LEA LRPT Correlates: I01, LAS04	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; Director of NSS, MIS; Executive Director of Technology	Improved communication and coordination between internal departments as documented through collaborative documents such as district technology plan, eRate applications, and district wide change processes.
3.2.2:	Encourage closer working relationships between core content areas and enrichment areas and instructional technology. Comments: IT working with core content areas in planning new teacher orientation and in instructional planning guide development. LEA LRPT Correlates: LAS03, LAS10, TL01	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; Curriculum content leaders; Executive Director of Curriculum)	Increased communication and coordination between Instructional Technology and curriculum, including: a. collaboration on professional development activities and curriclum development integrating technology.
3.2.3:	Utilize the Instructional Technology Resource Contacts(classroom teachers), the Educational Technology Advisory Committee (all interested AISD stakeholders), and other relevant groups for input and communication concerning Instructional Technology initiatives. LEA LRPT Correlates: LAS07, LAS13	State: Original Status: In Progress	2007-2010	Director of Instructional Technology	Documents and sign-in sheets demonstrate commitment to input and communication of District objectives
3.2.4:	Provide a series of face-to-face meetings with staff to promote communication on technology policies, issues, and initiatives. -Instructional Technology Resource Contacts - Educational Technology Advisory Committee -SASI Schedulers -SASI Data Clerks -Bond Committee. LEA LRPT Correlates: LAS07	State: Original Status: Planned	2007-2010	Director of Management Information Systems, Director of Network Systems and Support, Director of Instructional Technology, Customer Service Supervisor	Increased number of customer contacts each year.
3.2.5:	Revise and update Education Specifications for technology in	State: Original	2007-2008	Technology Director, Director of	Ed Specs document contains revised technology

| | | Status: In Progress | | Instructional Technology, Construction Management | requirements. |

schools. This will guide new school construction and set the benchmark for upgrading existing facilities.

Comments: Ed Spec. Committee is currently meeting.

LEA LRPT Correlates: I01, I04, I05

OBJECTIVE 3.3:

Create budget and secure funding to support technology identified in classroom, library, campus, and district planning efforts.

Budget Amount $0.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.3.1:	Use creative means to fund the purchase of technology: work to extend life of existing equipment: work with Purchasing and Legal Departments to acquire used / refurbished equipment LEA LRPT Correlates: I02, I04	State: Original Status: In Progress	2007-2010	Director of Network Systems and Support	Tracking numbers and types of operating systems vs. new equipment purchased as a ratio of the total number of desktops in the District.
3.3.2:	Explore grant / foundation opportunities to develop community-based telecommunications and technology-related resources; especially in high needs areas of Austin. Comments: Received Intel Grant. Successfully implemented a Community Stories project. LEA LRPT Correlates: I02, I03, I05	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; Instructional Technology Grants Coordinator; Executive Director of Curriculum	Position papers and appropriate grant documentation support development of long-range, strategic plans to provide high-needs areas with telecommunications, infrastructure, and professional development services that would be unavailable otherwise.
3.3.3:	Before each budget cycle, evaluate current staffing levels, contracted services, and remote management opportunities to ensure there is adequate staffing to keep hardware and software functioning. LEA LRPT Correlates: I01, I02, I05, LAS02	State: Original Status: In Progress	2007-2010	Director of Network Systems and Support, Director of Management and Information Systems, Customer Service Supervisor	Report and analysis completed. Changes needed are documented with budget implications.
3.3.4:	Implement campus level technology support to handle	State: Original	2008-2009	Director of Network Systems and Support,	Number of service tickets generated and closed by

		Status: Planned		Customer Service Supervisor, Help Desk Manager	campus techs increases each month during the school year.
	first level technology support needs. LEA LRPT Correlates: I01, I05				
3.3.5:	Retain existing highly skilled technical staff by increasing salaries to more closely match the current market. LEA LRPT Correlates: I01, LAS02	State: Original Status: Planned	2007- 2010	Director of Network Systems and Support, Director of Management and Information Systems, Customer Service Supervisor	Budgets and financial accounting reports indicate salaries consistent with business / market standards; Human Resources records indicate adequate employee training.

OBJECTIVE 3.4:

Coordinate the use of electronic data in district planning to support research-based decision making focused on success.

Budget Amount $0.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 01, 11

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
3.4.1:	Provide training and support in data examination and analysis through technology to support sound decision-making, especially in support of new student data and curriculum management systems. Comments: District wide AIMS training in place. LEA LRPT Correlates: LAS08, TL04, TL05	State: Original Status: In Progress	2007- 2010	Director of Instructional Technology; Instructional Technology Professional Development Specialist; Executive Director of Curriculum, Director of Management Information Systems	Records of staff development and time and effort documentation demonstrate support in data examination and analysis
3.4.2:	Develop an annual instructional technology implementation plan that incorporates campus needs (STAR Chart), and supports the District Improvement Plan. LEA LRPT Correlates: EP04, EP05, LAS01	State: Original Status: In Progress	2007- 2010	Director of Instructional Technology	STAR Charts are submitted annually by 100% of AISD campuses; Annual IT implementation plan updated and presented annually.
3.4.3:	Provide a single port of entry for leaders to access and analyze student data Comments: Data Warehouse continues to expand. TetrData reporting now available. AISD portal will become the single entry point. LEA LRPT Correlates: LAS08, TL04	State: Original Status: In Progress	2007- 2008	Director of MIS	Austin Instructional Management System (AIMS) is used by district leaders to access and analyze student data.
3.4.4:	Support the AIMS program continuing to improve the process for automating the	State: Original	2007- 2010	Executive Director of Curr, Director of Instructional	AIMS is consistently used and relied on for student data. User feedback integrated into

		Status: In Progress		Technology, Director of MIS	system improvements.
	assessment process and providing relevant student data to guide instructional decision making. LEA LRPT Correlates: LAS08, TL04, TL07				

OBJECTIVE 3.5:

Provide parents secure electronic access to student information.

Budget Amount $300,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 09

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.5.1:	Provide a portal for viewing student records, student achievement, and other data. Comments: Portal is in place. Work to populate with appropriate resources continues. LEA LRPT Correlates: I08, LAS11	State: Original Status: In Progress	2008-2010	Director of Management and Information Systems	Portal is used to access a variety of data
3.5.2:	Provide Electronic Funds Transfer capability for parents to replenish various student accounts. LEA LRPT Correlates: LAS11	State: Original Status: Planned	2009-2010	Director of Management and Information Systems, Finance Director	Capability exists; usage tracked

OBJECTIVE 3.6:

Incorporate mastery of SBEC Technology Applications Standards into local educator appraisal system.

Budget Amount $0.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER02
NCLB Correlates: 03, 04b, 07

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.6.1:	Educate campus and district leadership in understanding how to evaluate teacher and librarian proficiency with technology proficiency for the Professional Development Appraisal System. LEA LRPT Correlates: EP05, LAS12	State: Original Status: Planned	2007-2010	Director of Instructional Technology; Executive Director of Curriculum	Handouts, criteria for evaluation published and discussed at Principal meetings.
3.6.2:	Develop system for teacher documentation for PDAS of the student centered use of	State: Original	2007-2008	Director of Instructional Technology	Teachers provide documentation to their principal with evidence of

technology in their instruction.

Comments: Template for teacher documentation has been provided. Not all teachers are using it. Will continue to advocate for inclusion in the teacher appraisal system.

LEA LRPT Correlates: EP04, LAS12 | Status: In Progress | | | student centered technology integration. Principals trained in criteria for evaluation. |

OBJECTIVE 3.7:

Budget for, offer, and support expanded online curriculum and instructional opportunities to students.

Budget Amount $600,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02
NCLB Correlates: 03, 04b, 08

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.7.1:	Implement Title II-D non-competitive award in compliance with all federal and state standards and guidelines.

LEA LRPT Correlates: EP01, EP08, TL13 | State: Original

Status: Completed | 2007-2010 | Director of Instructional Technology; Instructional Technology Grants Coordinator, Federal and State Accountability / Grants Specialist | Projects and services provided to high-needs students and schools per NCLB regulations; appropriate documentation on file to include sign-in sheets, supplemental pay forms, time and effort electronic records, budgets as required |
| 3.7.2: | Provide home access for students to web based instructional resources and explore home access for student work. (serve access)

LEA LRPT Correlates: I01, I09, TL13 | State: Original

Status: Planned | 2007-2010 | Director of Instructional Technology, director of NSS | Students have home access to online databases, student safe search engines, and resources such as Learning.com and Atomic Learning and other district licensed web applications. Students have home access to work folder on server. |
| 3.7.3: | Explore and expand opportunities for student online courses for credit.

Comments: Have established a Moodle server. Exploring options with the Texas Virtual Schools Project.

LEA LRPT Correlates: LAS13, TL13 | State: Original

Status: In Progress | 2007-2010 | Director of Instructional Technology, Executive Director of Curriclum. | Students enroll in online courses and receive credit. |

OBJECTIVE 3.8:

Participate in collaboration with representatives from Pre-K-12, higher education, parents, businesses and community to share resources and services.

Budget Amount $120,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 09, 10, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.8.1:	Identify and communicate best technology practices with the community through the District web page and other event venues. LEA LRPT Correlates: LAS09, LAS13, TL15	State: Original Status: Planned	2007-2010	Director of Instructional Technology; Instructional Technology Grant Coordinator	Resources on district web page, TV spots, newspaper articles, public speaking engagements; minutes from parent meetings
3.8.2:	Work with high tech companies, businesses, and community groups to obtain hardware, software, and expertise that mesh with District goals and Partners in Education. Comments: Austin Partner in Ed continue to expand community partnerships including Dell, Apple and Intel. LEA LRPT Correlates: LAS13	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; Instructional Technology Grants Coordinator, Director of Partners in Education.	Instructional Technology plays an integral role in instructional implementation and integration and / or educator development in partnership with stakeholders.
3.8.3:	Work to refurbish and repurpose retired AISD computers. MS Tech Help Desk program will begin refurbing computers. Methods will be established to sell/donate computers to AISD families. Comments: Approximately 300 computers refurbed last year. Will expand this year with major computer refresh underway. LEA LRPT Correlates: I03, TL12, TL15	State: Revised Status: In Progress	2007-2010	Director of Instructional Technology; Instructional Technology Grants Coordinator, Director of Partners in Education	All Akins HS students will all have home computers by 2008-2009; other students and their families and other campuses will participate in Computers for Learning initiatives.
3.8.4:	Support the initiatives of the Austin Partners in Education Technology Group. Including providing refurbished computers, support of Tech Know, Student Help Desks, Lay Technology Specialists and other initiatives. LEA LRPT Correlates: I02, I03, LAS13	State: Original Status: In Progress	2007-2010	Director of Instructional Technology, Director of Partners in Education.	Austin Partners in Education services are provided to 30 or more AISD campuses by 2008-2009.
3.8.5:	Develop a process for repurposing end of life AISD computers to be used by students and their families through programs modeled after Computers for Learning.	State: Original Status: In Progress	2008-2009	Director of NSS, Austin Partners in Education	Functioning AISD computers are placed in homes of AISD families.

Comments: Burnet MS had a successful program this year. Over 300 computers refurbished. Planning to expand. Working with Austin Partners in Education to facilitate legal placement in community homes. LEA LRPT Correlates: I02, I03, I08, LAS09				

OBJECTIVE 3.9:

Provide position appropriate training for all staff.

Budget Amount $900,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER02
NCLB Correlates: 01, 04b

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.9.1:	AISD Professional Development Center provides on-going training in enterprise software. Comments: New web based grade book, GradeSpeed will be rolled out this year. District wide training has been planned. LEA LRPT Correlates: EP02	State: Original Status: In Progress	2007-2010	Director of NSS, Director of IT, Director of Prof. Development	Courses available in online eCampus catalogue. Online records document attendance.
3.9.2:	Ensure customers are trained to use the hardware and software required for their job. LEA LRPT Correlates: I01, I09	State: Original Status: In Progress	2007-2010	Professional Development Director, Director of Network Systems and Support, Director of Instructional Technology, Media Production	Decrease in the number of calls or HSS tickets to the Help Desk for simple technical problems.
3.9.3:	Educate customers on applications, purpose of data, and acceptable data standards which are necessary for the exchange of enterprise information. Implement training and procedures that reinforce accurate data entry. LEA LRPT Correlates: EP03, I09, LAS08, LAS14, TL04	State: Original Status: In Progress	2007-2010	Director of Network Systems and Support Director, Management Information Systems	Training rosters; Decrease in time required to manage data as recorded by Development and Help Desk staff; Data enrty procedures documented and provided to staff.

OBJECTIVE 3.10:

Support an interactive, integrated system for data

Budget Amount $1,200,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02
NCLB Correlates: 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.10.1:	Continue to utilize AISD current student system. Investigate new student systems that are web based, especially electronic gradebook. Comments: New online gradebook has been purchased. LEA LRPT Correlates: I05, I09, LAS08	State: Original Status: In Progress	2007-2008	Director of MIS, Coordinator of Student Systems	SASI available for campus and district use. Committee to investigate new student systems and gradebook programs
3.10.2:	Implement SAS at a business intelligence tool. LEA LRPT Correlates: I01, I05, I09	State: Original Status: In Progress	2008-2010	Director of MIS, Data Manager	Departments utilize AISD business intelligence system to gather and report data.
3.10.3:	Implement a content management system for district web based resources. Comments: District portal developed with Vignette is in place. LEA LRPT Correlates: I01, I03, I05	State: Original Status: In Progress	2007-2009	Director of MIS, Data Manager	Users have access to information through AISD portal and each user has his own dashboard, customized to his access level.
3.10.4:	Continue to build a data warehouse that contains staff, student, and district data. Comments: TetraData hired to build data warehouse. Work has begun. LEA LRPT Correlates: I01, I05, I09, LAS08	State: Original Status: In Progress	2007-2009	Director of MIS, Data Manager	Data is easily accessible through the data warehouse using data mining tools.

OBJECTIVE 3.11:

Design, implement and maintain enterprise applications and services

Budget Amount $3,900,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.11.1:	Maintain a robust accounting and human resource functions to support instruction in the classroom.	State: Original Status: Planned	2007-2010	Executive Director of Technology, Director of Human Resources	All Human Resource functions are done electronically, and authenticated against a Comprehensive Database.

	LEA LRPT Correlates: I01				
3.11.2:	Research and select a document management system Comments: Committee is appointed. Solutions are being examined. LEA LRPT Correlates: I01	State: Original Status: In Progress	2007-2008	Change Manager, Director of Network Systems and Support, Director of Management Information Systems	Processes are documented and mapped into electronic systems including web-based systems. Decreased percentage of paper-managed processes relative to electronic ones.
3.11.3:	Develop a web portal for staff access to relevant data. Comments: Basic portal is in place. Some HR functions how delivered through portal. LEA LRPT Correlates: I05, I09, LAS14	State: Original Status: In Progress	2007-2009	Director of Management and Information Systems	District staff uses a customized web portal to access data. Portal availability; Site metrics on usage
3.11.4:	Design and construct cross-departmental functional applications where no viable commercial substitute exists. LEA LRPT Correlates: I01, I05	State: Original Status: In Progress	2007-2010	Director, Management Information Systems	Appraisals performed using an established method (e.g., the SEI software capability evaluation method) to: (1) identify contractors qualified to perform specific task(s), or (2) monitor the state of the process used on an all information pertinent to the
3.11.5:	Ensure purchased or developed systems enforce single point of entry for data. LEA LRPT Correlates: I01, I05, I09	State: Original Status: In Progress	2007-2010	Director, Network Systems and Support	Published software evaluation criteria
3.11.6:	Use a change management process. LEA LRPT Correlates: I01, I05, I08	State: Original Status: In Progress	2007-2010	Customer Service Supervisor	All technology projects are reviewed for compatibility and compliance with change management standards.

GOAL 4: Infrastructure for Technology: Infrastructure for Technology focuses on hardware, software, and tech support personnel. The infrastructure must be secure, stable, supportable, flexible, scalable and follow common standards in order to grow with new technologies. The infrastructure will provide: -data standards to support interoperability and accessibility for all users -reliable hardware, software and infrastructure -equitable access to computers, systems, and e-learning technologies for all users -technical assistance to support teaching and learning. -provide a robust network within and between schools -maintain a secure environment for all computer systems and data

OBJECTIVE 4.1:

Design, install and maintain a technology and telecommunications infrastructure for communications and services that ensures reliable secure equitable access.

Budget Amount $3,900,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 03, 05, 06, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.1.1:	Provide computers and other relevant hardware for equitable student and teacher access. Comments: Successful Bond will allow sustained funding and refresh cycle. LEA LRPT Correlates: I01, I02, I04, I05	State: Original Status: In Progress	2007-2010	Director of Instructional Technology; Director of Network Systems and Support; Executive Director of Technology	Purchase orders and internal IT database indicate a systematic process for equitable distribution of computer hardware and peripherals to Austin ISD campuses or a rationale for placement of additional hardware and peripherals to meet state or district initiatives, especially technology applications TEKS or high school technology applications courses.
4.1.2:	Institute and enforce robust disaster recovery procedures. LEA LRPT Correlates: LAS14	State: Original Status: In Progress	2007-2009	Director of Network Systems and Support; Director of Management and Information Systems	Evaluated by technology administrators according to previously decided guidelines pertaining to the test.
4.1.3:	Provide multi-layer access controls on electronic information and infrastructure. LEA LRPT Correlates: I01	State: Original Status: In Progress	2007-2009	Director of Network Systems and Support	Completion of project objectives as stated in project office document.
4.1.4:	Implement and enforce security procedures with written guidelines published bi-monthly. LEA LRPT Correlates: I01, I05, LAS14	State: Original Status: Planned	2007-2010	Director of Network Systems and Support	Security breeches will decline each year.
4.1.5:	Network infrastructure will be operational 99% of working hours: maintain network and GAATN telecommunications systems (LAN and WAN), provide contracted services to support network equipment (cache engines, routers, switches, servers).	State: Original Status: Planned	2007-2010	Director of Network Systems and Support	Weekly measure of percent of time infrastructure was available during working hours. Staff turnover will be less than 10% per year.

		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	LEA LRPT Correlates: I01, I05				
4.1.6:	Provide for routine maintenance of distance learning equipment including upgrades to infrastructure and purchase of additional IVC equipment as needed. LEA LRPT Correlates: I01, I05, I06, TL13	State: Original Status: Planned	2007-2010	Interactive Video Conference Coordinator.	Records of all upgrades and relevant purchases and maintenance.
4.1.7:	Provide a secure, up-to-date, appropriately filtered email and calendaring system. LEA LRPT Correlates: I01, I05	State: Original Status: Completed	2007-2010	Director of MIS	Email system with current version, security patches, and appropriate content.
4.1.8:	Provide secure connections to technology through an authentication system. Comments: Identity management project is underway. Many systems authenticate through the LDAP now. Expansion will continue. LEA LRPT Correlates: I01, I05	State: Original Status: In Progress	2007-2010	Director of Network Systems and Support	Ability to identify and control access for each user of district resources. Identification of violators or hackers given attempts to access unauthorized information.
4.1.9:	Provide a one-stop Help Desk to resolve technology issues. LEA LRPT Correlates: I01, I05	State: Original Status: Completed	2007-2010	Director of Network Systems and Support	Help Desk takes calls on any technology problem, either solves the problem or creates a trouble ticket for the appropriate team.
4.1.10:	Evaluate training and technical certification of IT staff to maintain industry-level technical competency. Comments: Acquired Dell Learning system, for online training and certification work. LEA LRPT Correlates: I01, LAS02	State: Original Status: In Progress	2007-2010	Director of Network Systems and Support, Director of Management and Information Systems, Customer Service Supervisor	100% of staff holds certifications necessary to do their jobs or scheduled to be certified within 12 months of entry to role.

OBJECTIVE 4.2:

Strive to achieve and maintain a personal computing device access ratio of 1:1 for both students and professional educators.

Budget Amount $6,300,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 03, 05, 06, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
4.2.1:	Support the goal of sufficient classroom computer to provide access at a 1:1 ratio appropriate for instruction as needed. Expansion of mobile/flexible	State: Original Status: In Progress	2007-2010	Director of Network Systems and Support; Director of Instructional Technology	Deployment of new hardware by Network Systems and Support according to priority list supplied by Instructional Technology. Technology

		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	computing as a model to provide sufficient access. Comments: Successful bond will allow expansion of mobile labs. LEA LRPT Correlates: I04				access sufficient to meet instructional needs.
4.2.2:	Continue to explore and evaluate emerging technologies for affordable technologies to provide increased access for students and staff. LEA LRPT Correlates: I01, I04, I05	State: Original Status: In Progress	2007-2010	Director of Network Systems and Support Director of Management Information Systems	Customer survey indicates satisfaction with information access. District will have thin client or alternative systems. Anytime, any place access is available to staff.
4.2.3:	Provide a laptop for every teacher. Comments: Successful bond initiative will provide a laptop for each teacher in 2008-2009 school year. LEA LRPT Correlates: I04	State: Revised Status: In Progress	2007-2010	Director of Network Systems and Support	Laptop provided for every teacher to be used instead of current desktop computer.

OBJECTIVE 4.3:

Provide on-demand access to appropriately configured technology for all students and staff, including those with disabilities.

Budget Amount $500,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 03, 05

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.3.1:	Continue to support the integration of mobile wireless computer labs. Continue to expand and enhance wireless access points for all schools. Comments: Bond will allow 100% build out of wireless infrastructure. LEA LRPT Correlates: I01, I05	State: Original Status: In Progress	2007-2010	Director of Instructional Technology. Director of NSS	District wide employee survey, IRTC meetings and other surveys will indicate that wireless technology is used on 90% of campuses at least 75% of all available school days.
4.3.2:	Ensure compliance with all licensing agreements. LEA LRPT Correlates: I01, I05	State: Original Status: Completed	2007-2010	Configuration Coordinator	All computers have software installed; licensing agreements are on file and compared with inventory to ensure licensing compliance.
4.3.3:	Document existing hardware and software configurations, antivirus software, Microsoft patches. Computer images available when appropriate.	State: Original Status: In Progress	2007-2010	Director of Network Systems and Support; Configuration Manager	Record of all hardware and software configurations maintained by Configuration Manager and available upon request by AISD staff.

	LEA LRPT Correlates: I01, I05				
4.3.4:	Provide a campus-based technician for each secondary campus. LEA LRPT Correlates: I01, I05, LAS02	State: Original Status: Planned	2007-2008	Director of Network Systems and Support	All secondary schools have a technician available on campus.
4.3.5:	Provide ample server based storage space for student and teacher work. LEA LRPT Correlates: I01, I05	State: Original Status: Planned	2007-2010	Director of Network Systems and Support	No requests for more hard disk space.
4.3.6:	Provide adaptive hardware and software appropriate for students with disabilities. Comments: Bond allocated $1.5 million for assistive technology. LEA LRPT Correlates: I01, I05	State: Original Status: In Progress	2007-2010	Special Ed Technology Facilitator	All students can access District hardware and software appropriate to their needs.

OBJECTIVE 4.4:

Maintain an obsolescence policy to ensure maximum efficiency and use of technology and infrastructure by all students and staff.

Budget Amount $6,000,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 03, 05

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.4.1:	Ensure technology is refreshed and remains supportable. Specifications are current and support industry advancements. LEA LRPT Correlates: I01, I05, I07	State: Original Status: In Progress	2007-2010	Director of Network Systems and Support	Tracking number and types of operating systems vs. new equipment purchased as a ratio of the total number of desktops in the District. Up-to-date specs for new computers
4.4.2:	Develop a plan to replace aging infrastructure and computers. Comments: $40 million in bond funds dedicated to technology refresh. Plans for rollout are underway. LEA LRPT Correlates: I07	State: Original Status: In Progress	2007-2010	Director of Network Systems and Support	Targeted exchange of a specified number of end-of-life equipment with newer computers and other computing devices.

OBJECTIVE 4.5:

Provide and maintain an infrastructure for communications with parents and community members, including year-round access to school news, educational resources, data and personnel.

Budget Amount $90,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 03, 09

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.5.1:	Evaluate opportunities to provide web-based materials in accordance with Section 508 of the American with Disabilities Act where appropriate. LEA LRPT Correlates: I05, I08	State: Original Status: In Progress	2007-2010	Director of Management and Information Systems.	Better customer satisfaction as evidenced in customer surveys. Improved communication between Austin ISD and community as evidenced by parent surveys.
4.5.2:	Provide a means for parents to readily communicate with teachers and administrative personnel. LEA LRPT Correlates: I08	State: Original Status: Planned	2008-2010	Director of Management and Information Systems.	Site metrics detailing communications to teachers;
4.5.3:	Support, update and improve the District web site including enhancements for camus and teacher web sites. Comments: Teacher web sites are now available. LEA LRPT Correlates: I08, TL16	State: Original Status: In Progress	2007-2010	District Web Manager	Number of hits on the District web site will increase yearly.

OBJECTIVE 4.6:

Maintain a high level of customer service

Budget Amount $600,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 03, 05, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.6.1:	Increase network monitoring and remote management capabilities: increase number of clients deployed, increase use of remote monitoring/management tools. Comments: Novell implemented for Identity management and remote inventory and maintenance. LEA LRPT Correlates: I01, I05	State: Original Status: In Progress	2007-2010	Server Support Group, WAN Group, and Customer Service Supervisor	Network is available 99% of working hours. Fewer tech service calls required due to remote capabilities.
4.6.2:	Provide automated customer satisfaction surveys. to improve Help Desk service. LEA LRPT Correlates: I01, I05	State: Original Status: Completed	2007-2010	Customer Service Supervisor	Customer ratings on survey are above satisfactory 98% of time.
4.6.3:	Create systems which allow customers the ability to reset their passwords, restore data, and automate processes for creation of accounts.	State: Original Status: Completed	2007-2010	Director of Network Systems and Support, Network Systems and Support Managers, Customer Service Supervisor	Customer satisfaction survey responses are mostly satisfactory. Less support staff time required for system maintenance.

	LEA LRPT Correlates: I01, I05			
4.6.4:	Maintain a web-based Intranet knowledge base. LEA LRPT Correlates: I01, I05	State: Original Status: In Progress	2007-2010	Customer Service Supervisor, Help Desk Manager	Reduction in calls to the Help Desk every year.
4.6.5:	Provide campus technicians access to technology tools to aid in solving campus technology problems LEA LRPT Correlates: I01, I05	State: Original Status: In Progress	2007-2010	Heat Self Service Director	Help Desk tickets resolved at the campus level will increase by 15% per year.
4.6.6:	Improve technology information dissemination through Internet and Intranet updates, a weekly newsletter, and timely broadcasts to users. LEA LRPT Correlates: EP08, I01, I05	State: Original Status: In Progress	2007-2010	Customer Service Supervisor	Managed customer expectations.

OBJECTIVE 4.7:

Maintain and improve secure access to systems and data.

Budget Amount $1,200,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 03, 05, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
4.7.1:	Implement an authentication system using one consolidated database of users. Comments: Novel Identity management project almost complete. LEA LRPT Correlates: I01, I05	State: Original Status: In Progress	2007-2008.	Server Support Group, Desktop Engineering, Security Supervisor	All users logging on to the District network are authenticated using an LDAP system.
4.7.2:	Maintain and improve multiple layers of security by allowing access to data on a need-to-know basis LEA LRPT Correlates: I01, I05	State: Original Status: In Progress	2007-2009	Server Support Group,Desktop Engineering, Security Supervisor	Security levels are such that groups, and even individuals are allowed access to particular data..
4.7.3:	Use a Security Request System with supervisor approval to give access to the business and student data systems LEA LRPT Correlates: I01, I05	State: Original Status: Completed	2007-2010	Server Support Group, Desktop Engineering, Security Supervisor	Users of all district technology systems have the access they need to do their tasks.

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: $330,920.00

Method of application for formula funds: Local Application

Budget year 2007

Budget item	Cost	Funding Sources with amount per source
Staff Development	$3,353,333.00	Title IID (277,920) Local (2,225,413) Dell Foundation (350,000) Gates Grant (500,000)
Telecommunications & Internet Access	$1,609,600.00	Local (209,600) eRate (1,400,000)
Materials & Supplies	$2,012,000.00	Tech Allotment (300,000) Title IID (3,000) eRate (650,000) Local (1,059,000)
Equipment	$4,694,667.00	Tech Allotment (1,800,000) Title IID (50,000) Local (2,844,666)
Maintenance	$1,341,333.00	Local (1,341,333)
Miscellaneous Expenses	$402,400.00	erate (201,200) local (201,200)
Total	$13,413,333.00	

Budget year 2008

Budget item	Cost	Funding Sources with amount per source
Staff Development	$3,353,333.00	Title IID (277,920) Local (2,225,413) Dell Foundation (350,000) Gates Grant (500,000)
Telecommunications & Internet Access	$1,609,600.00	Local (209,600) eRate (1,400,000)
Materials & Supplies	$2,012,000.00	Tech Allotment (300,000) Title IID (3,000) eRate (650,000) Local (1,059,000)
Equipment	$4,694,667.00	Tech Allotment (1,800,000) Title IID (50,000) Local (2,844,666)
Maintenance	$1,341,333.00	Local (1,341,333)
Miscellaneous Expenses	$402,400.00	erate (201,200) local (201,200)
Total	$13,413,333.00	

Budget year 2009

Budget item	Cost	Funding Sources with amount per source

Staff Development	$3,353,333.00	Title IID (277,920) Local (2,225,413) Dell Foundation (350,000) Gates Grant (500,000)
Telecommunications & Internet Access	$1,609,600.00	Local (209,600) eRate (1,400,000)
Materials & Supplies	$2,012,000.00	Tech Allotment (300,000) Title IID (3,000) eRate (650,000) Local (1,059,000)
Equipment	$4,694,667.00	Tech Allotment (1,800,000) Title IID (50,000) Local (2,844,666)
Maintenance	$1,341,333.00	Local (1,341,333)
Miscellaneous Expenses	$402,401.00	erate (201,200) local (201,200)
Total	$13,413,334.00	

Evaluation

Evaluation Process:
Evaluation of the Technology Plan will be a systematic ongoing process. All aspects of the Plan will be evaluated formally once a year.

The Educational Technology Advisory Committee (ETAC) will be responsible for the ongoing evaluation of this plan. The intention of the evaluation will be to make decisions on the impact that technology has on the learning process for all students.

Annual report to the Board on progress in technology included in the Results Policy Monitoring Report.

Evaluation Method:
-All teachers complete Teacher School Technology and Readiness (STaR) Chart annually to assess progress in meeting the goals of the technology plan.
-Campus STaR Charts provide data on campus progress in meeting the goals of the technology plan.
-Additional surveys of the staff conducted yearly in regards to their use of technology in the classroom and District resources.
-Records of staff member participation in technology training monitored by sign-in sheets and teacher professional development records.
-Integration of training into the classroom as measured by lesson plans and number and type of technology and distance learning projects.
-Monitoring and documentation of community access to technology resources, and campus information on the campus and District web site.
-Yearly inventory of hardware and software.
-Technical support records to track progress on infrastructure availability.

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