

# BANDERA ISD Technology Plan

2008 - 2011

**KEVIN DYES**

**SUPERINTENDENT**

## DISTRICT PROFILE

**ESC Region** 20  
**City, State Zip** BANDERA, TX 780030727  
**Phone** (830) 796-3313  
**Fax** (830) 796-6238  
**County District Number** 010902

<b>Number of Campuses</b>	4
<b>Total Student Enrollment</b>	2527
<b>District Size</b>	1,600 - 2,999
<b>Percent Econ. Disadvantaged</b>	45.06%

<b>Technology Expenditures</b>		\$1,722,900.00
<b>Technology budgets reported in plan by category</b>	Teaching and Learning Budget	\$1,062,000.00
	Educator Preparation and Development Budget	\$137,400.00
	Leadership, Administration and Support Budget	\$33,000.00

	Support Budget	
	Infrastructure for Technology Budget	\$490,500.00
	<b>Total:</b>	<b>\$1,722,900.00</b>
<b>Technology Expenditure Per Pupil</b>		\$681.80
<b>Number of Campuses with Direct Connection to Internet</b>		4
<b>Percentage of Campuses with Direct Connection to Internet</b>		100.00%
<b>Number of Classrooms with Direct Connection to Internet</b>		200
<b>Percentage of Classrooms with Direct Connection to Internet</b>		100.00%
<b>Computer/Student Ratio</b>		4 student(s) for every computer
<b>Computer/Teacher Ratio</b>		1 teacher(s) for every computer
<b>Number of campuses that need to complete the Texas Campus STaR Chart</b>		4
<b>Percentage of campuses that have completed the Texas Campus STaR Chart</b>		100.00 %

## Plan Introduction

Plan Last Edited 02/19/2008

<b>Plan status:</b>	approved
<b>Years Included in the Plan:</b>	2008 - 2011
<b>Number of years covered by the plan:</b>	3
<b>Years Approved for the Plan:</b>	2008 - 2011
<b>Number of approved years:</b>	3

Technology Planning Committee

Dr. Kevin Dyes - Superintendent  
David Brown - Technology Director  
Charlie Halsell - Instructional Technology Manager  
Brad Domitrovich - Communications Specialist  
Regina Howell - Human Resources  
Richard Grill - Curriculum & Testing  
Tracy Thayer - Federal Programs  
Tish Grill - Business  
Resources:  
Kim Gotthardt - Secondary Campuses  
Margie Broomall - Elementary Campuses  
Jettie Whitlock - Librarian  
Suzy Groff - Teacher  
Educational Foundation - Community/Business

## **Executive Summary**

The Bandera Independent School District Technology Plan is a three year plan designed to guide the District in technology planning, purchasing, and implementation. It is meant to be a living document that will be evaluated and updated on a regular basis to meet the changing needs of the District and to embrace changes in technology and education. The plan was developed starting with the campus level and encompassing the entire district and the needs of the community. The plan will be evaluated several times a year by the technology department, the CICs, the DIC, Principals, administrators, and the School Board. Input from the public is welcomed. The plan is designed as a framework to guide us with technology implementation and integration and to help us to focus on future directions for technology. The emphasis of the plan is to meet the diverse needs of our students and to help teachers teach. Evaluation data will be collected by use of online surveys, by observations, and by meetings with staff, administrators and the community. Plan progress will be reported to the Superintendent and School Board every December by the Technology Director.

## **Needs Assessment**

### **Assessment Process:**

1. Teachers and staff create a wish list of technology needs for their classrooms and submit it to their campus principals at the beginning of each school year.
2. The principals compile the wish lists and prioritize their requests based on campus goals.
3. The Technology Director and IT Manager meet with campus principals to discuss the wish lists.
4. The Technology Director submits the revised wish lists and presents them to the superintendent for approval.
5. For ongoing needs throughout the year, teachers can submit technology requests to their

Campus Improvement Committee. If these are approved, the CIC forwards these needs to the campus principal if it is only campus-specific concerns or they are passed on to the District Improvement Committee.

6. District department managers meet with the Technology Director and IT Manager as well to discuss the needs of their departments.

7. The Superintendent's Advisory Committee, composed of administrators, meet weekly to discuss district needs, including technology throughout the year.

8. The campus technicians supply valuable information to the Technology Director for supplies and equipment needed to meet the school's technology needs.

9. Individual teachers are allowed to contact the Technology Director and IT Manager for their needs throughout the school year

### **Existing Conditions:**

Bandera ISD is a rural school district serving approximately 2500 students grades K-12. The District is transitioning from a stage of urgent infrastructure upgrades needed to operate properly (replace old wiring, Pentium 3 computers, old servers and installing a fiber optic backbone) to one of focusing on the current and future technological needs of both its student body and staff.

All campuses and the central office are now connected with 10-mb fiber optic lines this year. We upgraded from a 3-mb T-1 connection because the network would not support the demand put on it. The District runs SUSE Linux on most network servers with some Windows 2003 servers as certain programs require. We run Scalix email, which is free, but are looking for a new email program that allows us to make backups of the district email. Sophos Anti-Virus has dramatically reduced the number of virus-infected computers in the district. PureMessage is the mail filter currently used here, blocking about 15,000 SPAM emails or email infected with viruses. Cymphonix network composer allows us to monitor, filter and shape network traffic in the district, which has made a huge difference in keeping the network running smoothly. We have 2 Linux FTP servers, one for students and another for staff, which allows them to store files on a network server and can be accessed from school or home. This has eliminated the need for floppy disks and the data loss which often occurs with using them as well as the necessity of students purchasing flash drives. This year we switched to a new grading program, TxConnect, which works even better with RSCCC than our previous grading program. Teachers can access it from home as well as from school, cutting down on the amount of time they stay after school.

With mandatory online testing imminent, we started online benchmark and TAKS field testing last spring with Pearson, trying to work out any kinks before 2009. This year we purchased 4 computer carts that each contain 24 notebook computers, an access point and network printer, as we are trying to make strides in accommodating the requirements to be put on us by online testing in 2009. In addition to the computer carts, we have 5 computer labs on the middle school, 7 at our high school and 3 computer labs at each of our elementary schools.

All instructional staff, administrators, libraries, and computer labs now are equipped with Pentium IV computers that run Windows 2000 and Office 2000. Our focus now is to maintain and rotate in new computers so that no computers are more than 5 years old. We are also transitioning our OS from Windows 2000 to Win XP Professional as some new programs have this as a prerequisite. We have one computer with Windows Vista so that we can see how it

interacts with our current software and hardware in the district in case we need to one day move to it as our primary OS.

All student computers now run with Pentium IV processors and mostly run on Windows 2000. We have started the OS transition on student computers from Windows 2000 to Win XP Professional as new computers are purchased. All of the elementary school classrooms have a DLP projector and document camera and we are working for the same to be true in our middle and high schools. Recently we have acquired iWrite pads and are beginning to put them in classrooms on all campuses.

The district currently does not have Video Conferencing capabilities but we do offer online college classes and webinars for teacher training.

Currently we have phones in all campus offices and teacher workrooms but we do not have classroom telephones at this time. We are using an outdated telephone system, which makes the acquisition of parts or service difficult. We have 12 cellular phones available throughout the district.

### **Technology Needs:**

#### 1. Instructional and Administrative Staff:

- continue rotation of older computers on a 5-year basis
- replace CRT monitors with LCD monitors
- place LCD projectors and document cameras in all classrooms
- place InterWrite iPads in classrooms
- upgrade operating systems from Win 2000 to Win XP Pro
- upgrade office suite from Office 2000 to Office 2007
- maintain ftp servers for file storage and home access
- install Distance Learning / Video Conferencing lab for staff training & college credit
- provide electronic system for disaggregation of student testing data
- provide electronic grade book, attendance and lesson planner for teaching staff
- telephone access in classrooms
- continue in-house staff development

#### 2. Students:

- continue rotating out old student computers in classrooms on a 5-yr basis
- standardize Windows XP Pro on new PCs
- replace Office 2000 with Office 2007 on secondary campuses
- maintain A Plus program for student remediation at the high school
- continue Lexia for Special Education, CCC and SuccessMaker programs for student remediation at both elementary schools and the middle school and CEI for the high school and middle school.
- install mobile Distance Learning / Video Conferencing lab for course content and dual-credit college classes and electronic field trips
- continue FTP while increasing FTP folder capacity per student and class
- maintain content filtering
- continue to provide Ed Tech classes in BCIS, Multimedia and Programming

- purchase additional laptops and Alpha-Smart word processors for check out
- purchase 500 Laptops for online testing

### 3. Infrastructure:

- upgrade to layer 2 switches for VOIP
- maintain Linux ftp servers
- upgrade to 20-mb Internet access and 20-mb WAN to support Video Conferencing and VOIP phone system
- maintain Linux servers
- transition from Scalix email to Microsoft Exchange
- archive email
- maintain email system with SPAM, Spyware and virus blocker
- maintain network printers for staff printing
- upgrade outdated phone system to voice-over-ip
- maintain phone system for local and long distance service
- maintain cell phone service for administrators and transportation
- maintain Internet access
- continue backup for disaster recovery (redundant)

### 4. Training:

- continue in-house staff training program on curriculum, integration Windows XP Professional, Office 2003/2007 Suite and the distance learning lab/video conferencing lab
- produce in-house training videos on software and technologies used in the district
- maintain district-level Instructional Technology Specialist position for on-campus staff training in technology and software support
- continue to build technology department technical library
- install Distance Learning / Video Conferencing lab for staff training and community continuing education
- equip new training room for staff technology training
- continue to provide community technology education classes for ESL parents
- develop staff computer competency checklist (tied to training program, SBEC standards and PDAS)

### 5. Integration:

- teaching staff will use online lesson planner to post lesson plans for parents and students can download worksheets
- CIC and campus principals will ensure that technology application TEKS are being met in the classroom

### 6. Research and Development

- maintain on-line databases for technology work orders, and employee time clock
- acquire and implement podcasting equipment/software for classrooms
- investigate the possibilities of using podcasts, wikis, social networking, blogs and video streaming in the classroom setting to improve instruction
- look into the possibility of using thin clients on campuses to save money in maintaining computers

-research the use of student individual log-ins to minimize abuse of network and computers

#### 7. Community and Communications:

- seek funding to purchase Distance Learning / Video Conferencing lab for community training and continuing education
- communicate district information and events to parents and community using the district's web site, email, direct mail, electronic newsletter, news media and the possibility of podcasting superintendent's messages to the community
- provide opportunities for community members to take online college classes over the Internet and by Distance Learning
- provide technology classes for ESL parents

#### 8. Security:

- maintain Cymphonix Internet filter
- maintain VNC for desktop monitoring
- maintain Linux firewall
- maintain PureMessage email virus and SPAM protection
- maintain Sophos anti-virus and server protection
- maintain Cymphonix packet shaper to improve WAN performance
- acquire an emergency notification system to alert all administrators
- redundant backups in multiple locations

#### 9. Online Testing:

- Provide and maintain servers for Benchmark and Online TAKS testing
- Purchase and maintain Laptop carts with 24 notebook computers and upgraded access points for each campus to facilitate full online TAKS testing by 2009.
- Investigate UMPCs for online testing

#### 10. Human Resources

- Maintain online application system
- Acquire digital signature software/licenses to reduce paper waste
- Convert and post all human resource forms to Intranet web.

#### 11. Recycling and Conservation

- Develop a plan to conserve electricity by shutting down or putting to sleep computers during non-school hours
- Look into ways of recycling old computers and monitors

## Goals, Objectives, and Strategies

**GOAL 1: Instructional Staff: All instructional staff will be equipped with and have access to the latest technology in their classroom.**

#### **OBJECTIVE 1.1:**

All instructional staff will be equipped with computers 5 years old or less. We will continue to maintain a Teacher-to-computer ratio of 1:1.

*Budget Amount \$60,000.00*  
*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01  
 NCLB Correlates: 01, 03

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>1.1.1: Based on the District's computer inventory, all computers that are 5 years old will be replaced with new computers. We will begin by replacing only the CPU, keyboard, and mouse and use existing monitors to save cost (we will begin to replace CRT monitors with LCD monitors in succeeding years). Old teacher computers will be reformatted for student classroom use or to be used as a stand alone to be hooked up to a DLP projector to avoid running long VGA cables across the classroom.</p> <p>Comments: All CPU's will be equipped with 512 mb RAM (minimum) and 17-inch LCD monitors as old monitors are replaced.</p> <p>LEA LRPT Correlates: I01, I04, I05, I07, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2008-2011</p>	<p>Technology Director, District Technicians</p>	<p>Update of District's computer inventory</p>

**OBJECTIVE 1.2:**  
 All classrooms will be equipped with a multimedia system, including a DLP projector, document camera and interactive tablet. All instructional staff will be trained in-house for effective use of technologies. All classrooms will be fully equipped by the completion of this plan.

*Budget Amount \$30,000.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>1.2.1: Purchase projectors, document cameras and interactive tablets using federal, state, local and Ed Tech Funds as well as teacher grants from the BISD Educational Foundation (local non-profit organization).</p> <p>Comments: Teachers will be trained in the effective use of this equipment for curriculum delivery. The interactive tablets are wireless, allowing the teachers to walk around the room, keeping students engaged by allowing them to use it as needed. Effective use will be monitored through classroom walkthroughs.</p> <p>LEA LRPT Correlates: I01, I05</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Technology Department, campus principals	District technology inventory

**OBJECTIVE 1.3:**

Maintain Linux FTP servers for instructional staff to be used in file storage, content delivery and home access. All new staff will be trained in effective use of FTP folders for data storage and transfer (home access to files).

*Budget Amount \$0.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01, ER02

NCLB Correlates: 03, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
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1.3.1:	<p>Centralized Linux FTP servers will be maintained for teacher and student access. Teachers will create accounts and control passwords for their students. Teachers will be able to store important documents and access these documents from any computer at school or home. Teachers will be able to place curriculum-based material in a class FTP folder for access by their students. Students can save their work in these folders for grading/review by their teachers.</p> <p>Comments: This will allow teachers to distribute and collect student work by electronic means. This will also facilitate content delivery to home-bound students and students absent from the regular classroom setting. Students and teachers will be able to access school work from home without the need for unreliable floppy disks.</p> <p>LEA LRPT Correlates: I01, I05, TL09, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Technology department	All teachers will have access to a personal and class FTP folders; all students will have a personal FTP folder.
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**OBJECTIVE 1.4:**

Install Distance Learning/Video Conferencing lab and provide training to district staff for effective use

*Budget Amount \$12,000.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01, ER02  
 NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 10, 11, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.4.1:	<p>Purchase and install a Distance Learning/Video Conferencing lab for use by administrative staff, instructional staff, students, and community with community funds.</p> <p>Comments: This lab will be used to deliver curriculum content to students including college classes. Teachers and community will be able to take college courses, staff development, and participate in video conferences. Participants will be trained in lab usage for best practices. We will seek community funding.</p> <p>LEA LRPT Correlates: I01, I02, I05, I06, LAS13, LAS15</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Technology Director	A log will be kept reflecting staff, student, and community use including course content offered. The number of students completing dual-credit courses.

**OBJECTIVE 1.5:**  
 Maintain on-line database for benchmark testing and disaggregation of student data.

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

E-Rate Correlates: ER01, ER02  
 NCLB Correlates: 01, 02, 11

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.5.1:	Benchmark testing will be made available on-line for students. Student data will be made available to appropriate classroom	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Curriculum Director, IT Manager	Teachers will develop and administer benchmark tests online. Staff will

<p>teachers and administrators on the district's intranet.</p> <p>Comments: This makes test results instantly accessible to staff monitoring student progress.</p> <p>LEA LRPT Correlates: EP03, LAS08, TL04, TL05, TL07</p>				<p>have access to data through our FTP file system.</p>
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**OBJECTIVE 1.6:**  
 Provide online grading, lesson planning and attendance systems. Teachers will be trained by district staff.

*Budget Amount \$9,000.00*  
*LRPT category: Leadership, Administration and Support*

E-Rate Correlates:  
 NCLB Correlates: 02, 04b, 09

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>1.6.1: Continue to provide on-line grading, lesson planning and attendance system.</p> <p>Comments: By using an online system, teachers will be able to access and enter student grades and update lesson plans from any computer in the district as well as at home. Parents will have access to their child's grades and attendance, and teachers' lesson plans and worksheets. Students who are absent will have access to their missed assignments and</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2008-2011</p>	<p>Technology Director, campus principals and district PEIMS coordinator</p>	<p>All teachers will use these systems daily.</p>

worksheets.				
LEA LRPT Correlates: I08, TL16				

**OBJECTIVE 1.7:**

Update the Texas Star Chart on a yearly basis which will be used as a guide to update our district technology plan .

*Budget Amount \$0.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.7.1:	All teachers and principals will update the Texas Star Chart on a yearly basis. This information will be used to improve technology, technology integration, and staff development on all campuses.  LEA LRPT Correlates: EP03, EP05	State: Original  Status: In Progress	2008-2011	Campus principals and teachers.	Annual completion of the Texas Star Chart.

**OBJECTIVE 1.8:**

Staff computer operating systems will be standardized to Windows XP Pro; office suites will be upgraded from Office 2000 to Office 2007. Staff will be trained in use of new office suite.

*Budget Amount \$9,000.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates:

NCLB Correlates: 04b, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.8.1:	Standardize all staff computers to Windows XP Professional and Microsoft Office 2007. Staff will be trained by in-house	State: Original  Status: In Progress	2008-2011	Campus technicians	All staff will use XP Pro and Office 2007.

<p>personnel.</p> <p>Comments: Training will be provided to all district staff by the technology department and campus personnel. Evidence of mastery will be documented on the Teacher Competency checklist.</p> <p>LEA LRPT Correlates: EP01, EP02, EP04, EP09, LAS10</p>				
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**OBJECTIVE 1.9:**  
All teachers will meet SBEC Technology Applications Educator Standards.

*Budget Amount \$0.00*  
*LRPT category: Educator Preparation and Development*

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

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>1.9.1: Campuses will adopt a checklist and time line to insure that all teachers meet the SBEC Technology Applications Educator Standards.</p> <p>LEA LRPT Correlates: LAS12</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Campus principals	All teachers will complete a checklist and provide samples of technology applications produced to campus principals.

**OBJECTIVE 1.10:**  
All teachers will teach the Technology Application TEKS.

*Budget Amount \$0.00*  
*LRPT category: Teaching and Learning*

E-Rate Correlates:  
NCLB Correlates: 01

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
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1.10.1:	<p>All teachers will integrate the TA TEKS into their lesson planning and will provide opportunities for students to use technology in all curriculum areas.</p> <p>Comments: All teachers will develop lessons that will encourage students to use technology in all curriculum areas.</p> <p>LEA LRPT Correlates: TL01</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Campus principals, teachers.	Lesson plans, classroom observations.
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**GOAL 2: Students: All students will be equipped with and have access to the latest technology in their classrooms, labs, and libraries**

**OBJECTIVE 2.1:**

All students will have access to computers 5 years old or less.

*Budget Amount \$300,000.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 05, 06

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.1.1: Based on the District's computer inventory, all computers that are 5 years old will be replaced with new computers. We will begin by replacing only the CPU, keyboard, and mouse and use existing monitors to save cost (we will begin to replace CRT monitors with LCD monitors in succeeding years). Old teacher computers will	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Technology Director, District Technicians	Update of District's computer inventory

<p>be reformatted for student classroom use or to be used as a stand alone to be hooked up to a DLP projector to avoid running long VGA cables across the classroom.</p> <p>Comments: All CPU's will be equipped with 512 mb RAM (minimum) and 17-inch LCD monitors as old monitors are replaced. Funding will come from Ed Tech funds and local funds. All computers will have 3-year, next-day, onsite warranties.</p> <p>LEA LRPT Correlates: I01, I04, I05, I07</p>				
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**OBJECTIVE 2.2:**  
 Student computer operating systems will be standardized to Win XP Pro and office suites will be upgraded to Office 2007.

*Budget Amount \$30,000.00*  
*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01  
 NCLB Correlates: 01, 03, 04a, 05, 06, 07, 11, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.1: Standardize all student computers to Windows XP Professional and Microsoft Office 2007. Students will demonstrate mastery of the Technology Application TEKS. Business computer application classes will use the latest technology	State: Original  Status: In Progress	2008-2011	Campus technicians	All students will use XP Pro and Office 2007. Students will demonstrate mastery of the TA TEKS.

<p>available.</p> <p>Comments: All new student computers will be standardized with XP Professional. We will begin upgrading to Office 2007 starting with the high school then middle school and finally the elementary campuses. Funding will come from federal, state and local funds.</p> <p>LEA LRPT Correlates: I01, I05, TL01, TL06, TL08</p>				
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**OBJECTIVE 2.3:**  
 Provide software for remediation and content mastery. Staff will be trained by software providers for effective implementation of the programs.

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

E-Rate Correlates: ER01  
 NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 11, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>2.3.1: Maintain Success-Maker, CEI, A+ and Lexia software systems for student use on campuses. Continue funding TPRI handheld testing software.</p> <p>Comments: These systems allow students (including special needs and ESL students) to work on areas of identified deficiencies to improve student scores and student success in</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2008-2011</p>	<p>Curriculum Director, campus principals, technology department</p>	<p>TAKS scores, benchmark tests, classroom observations, and graduation/retention data</p>

	<p>the classroom. We maintain at least one lab for this use on each campus. High school students have the ability to make up missed credit using the A Plus software.</p> <p>LEA LRPT Correlates: EP01, I01, I05, I09, LAS08, TL09, TL13</p>				
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**OBJECTIVE 2.4:**  
Install Distance Learning/Video Conferencing system to be used for dual-credit classes, video conferencing and electronic field trips.

*Budget Amount \$0.00*  
*LRPT category: Teaching and Learning*

E-Rate Correlates:  
NCLB Correlates: 01, 02, 03, 04a, 05, 06, 07, 08

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>2.4.1: Purchase and install a Distance Learning/Video Conferencing lab for use by students with local, state and federal funds.</p> <p>Comments: This lab will be used by students for dual-credit college classes and electronic field trips. We will seek community funding. We plan to purchase a portable system that can be shared between the campuses as needed.</p> <p>LEA LRPT Correlates: I01, I02, I05, I06, LAS13, LAS15, TL09, TL12, TL13</p>	<p>State: Original</p> <p>Status: Planned</p>	<p>2008-2011</p>	<p>Technology Director</p>	<p>A log will be kept reflecting student use and number of students taking dual-credit courses.</p>

**OBJECTIVE 2.5:**

Maintain Linux FTP servers for students to be used in file storage and home access.

*Budget Amount \$0.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates:

NCLB Correlates: 03, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>2.5.1: Centralized Linux FTP server will be maintained for student access. Teachers will create accounts and control passwords for their students. Students will be able to store important documents and access these documents from any computer at school or home.</p> <p>Comments: Students will be able to save and access school work from home without the need for unreliable floppy disks.</p> <p>LEA LRPT Correlates: I01, I05, TL09</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2008-2011</p>	<p>Technology department, teachers</p>	<p>All students will have a personal FTP folder.</p>

**OBJECTIVE 2.6:**

Continue to provide online databases and research materials for all campus libraries and for student home access. Provide staff training for effective use of online library services.

*Budget Amount \$0.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04b, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>

2.6.1:	<p>The library will continue subscriptions to online databases such as EPSCO.</p> <p>Comments: All students will have home access to library databases.</p> <p>LEA LRPT Correlates: I01, I05, I09, TL09, TL10, TL11</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Campus librarians	Student usage of databases and teacher projects requiring use of online databases.
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**OBJECTIVE 2.7:**

G/T classrooms will be equipped with technologies to extend and enrich curriculum.

*Budget Amount \$0.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01

NCLB Correlates: 02, 08

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>	
2.7.1:	<p>G/T classrooms at the middle school will be equipped with higher-end computers, mp3 players for podcasting, video cameras and Pinnacle video editing software for class projects.</p> <p>LEA LRPT Correlates: I05, TL10</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Classroom teachers	Student work will be created and shared through videos and podcasts.

**OBJECTIVE 2.8:**

All students will master the Technology Application TEKS.

*Budget Amount \$0.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01

NCLB Correlates: 01, 02

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
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2.8.1:	<p>All students will demonstrate mastery of the Technology Application TEKS.</p> <p>Comments: All students will be able to use technology in the classroom and will be equipped to use technology in the real world.</p> <p>LEA LRPT Correlates: TL01, TL02</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Campus principals, teachers.	Lesson plans, student technology projects, grades.
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**GOAL 3: Infrastructure: District infrastructure will be updated and replaced to ensure reliability, speed, and data recovery and protection.**

**OBJECTIVE 3.1:**

Maintain internal 802.11g wireless on all campuses and support facilities

*Budget Amount \$0.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01

NCLB Correlates: 03

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>3.1.1: Maintain 802.11g wireless access points in the attic areas of all buildings creating wireless cells.</p> <p>Comments: This will facilitate the use of wireless laptops and PDAs and will allow teachers to arrange the workstations in their rooms to reflect their teaching styles. Administrators will be able to connect wirelessly during meetings and for 360 walkthroughs (teacher</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Campus technicians	All facilities will have wireless connectivity.

	evaluations). Special Ed Diags will be able to participate in ARDS at any location.  LEA LRPT Correlates: TL09				
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**OBJECTIVE 3.2:**

Maintain Linux-based network OS including email, networking, ftp, and web servers.

*Budget Amount \$0.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01

NCLB Correlates: 03

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.2.1: Using existing equipment and servers, we will maintain Linux-based email, network, ftp, and web servers.  Comments: Linux will provide us with the same benefits with increased reliability and will eliminate costly licensing and annual fees.  LEA LRPT Correlates:	State: Original  Status: In Progress	2008-2011	Technology Director, IT Manager	Reliability, speed, and data protection

**OBJECTIVE 3.3:**

Maintain/increase Telecommunications (voice, data and video) and Internet services.

*Budget Amount \$270,000.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01

NCLB Correlates: 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.3.1: Maintain CSME fiber optic lines at a minimum of 10 mb/sec, Internet access, basic phone service, long distance service, and cell phone	State: Original  Status: In Progress	2008-2011	Technology Director, Business Manager	All campuses and classrooms will have phone service. All classrooms will

	<p>service. Upgrade services as needed to meet the changing needs of the district.</p> <p>Comments: We are going to pursue increasing our bandwidth from 10 mb/sec to 20 mb/sec as we acquire video conferencing, podcasting and VOIP services.</p> <p>LEA LRPT Correlates: I06</p>				<p>have Internet access.</p>
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**OBJECTIVE 3.4:**  
 Upgrade to managed switches and VOIP telephones for all campuses, including telephones in the classrooms.

*Budget Amount \$120,000.00*  
*LRPT category: Infrastructure for Technology*

E-Rate Correlates:  
 NCLB Correlates:

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>3.4.1: Purchase and install managed switches and VOIP telephone systems on each campus.</p> <p>Comments: We want to equip one campus at a time. This will place telephones in the teacher classrooms so teacher-parent communications are more accessible. This project is dependent on E-Rate funding for internal connections.</p> <p>LEA LRPT Correlates:</p>	<p>State: Original</p> <p>Status: Planned</p>	<p>2008-2011</p>	<p>Technology Director, IT Manager</p>	<p>All classrooms and offices will have VOIP.</p>

**OBJECTIVE 3.5:**  
 Archive district email.

*Budget Amount \$0.00*  
*LRPT category: Infrastructure for Technology*

E-Rate Correlates: NCLB Correlates:					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.5.1:	Migrate from Scalix email to Microsoft Exchange server.  Comments: We already have purchased the server and Microsoft Exchange and will migrate in the summer of 2008.  LEA LRPT Correlates:	State: Original  Status: In Progress	2008-2009	IT Manager	The district will have an archive of all staff email as required by federal law.

**OBJECTIVE 3.6:**  
Provide means for data protection, backup and recovery of crucial district and campus information.

*Budget Amount \$0.00*  
*LRPT category: Infrastructure for Technology*

E-Rate Correlates:  
NCLB Correlates:

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.6.1:	Terabyte backup servers will be placed in multiple locations to backup grades, email, FTP, Special Education, RSCCC, and A Plus.  LEA LRPT Correlates: LAS14	State: Original  Status: Planned	2008-2011	Technology Director	There will be back up copies of data for our essential servers.

**GOAL 4: The District will continue to provide ongoing, sustained, high quality professional development to all staff.**

**OBJECTIVE 4.1:**  
District staff will be provided with a wide range of technology training in order to better use technology in their classrooms or offices.

*Budget Amount \$137,400.00*

*LRPT category: Educator Preparation and Development*

E-Rate Correlates: ER02

NCLB Correlates: 01, 02, 03, 04a, 04b, 07

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>4.1.1: The District will continue to employ an IT Manager who will provide technology training, including one-on-one with teachers in their classrooms. Topics include: all curriculum areas, word processing, spreadsheet, slide show, database, on-line grading, benchmark testing and data disaggregation, subject-specific software, and others. New personnel are trained prior to start of duties in network and software usage.</p> <p>Comments: Teachers receive ongoing training at their campuses in uses of new technologies, technology integration in the classroom, and network usage.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP09, LAS10</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2008-2011</p>	<p>IT Manager, Curriculum Director, Technology Director</p>	<p>Texas Star Chart. Enrollment data for in-house computer training classes. Improved teacher performance. Classroom observation.</p>
<p>4.1.2: Technology training will be adjusted and focused to meet the needs of district teachers and librarians based on results from Texas STaR Chart submission and informal surveys.</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2008-2011</p>	<p>Technology Director, IT Manager, campus principals.</p>	<p>PDAS walk-throughs, informal class visits, improvements on successive Texas Star Chart results.</p>

	<p>Comments: We want to provide challenging yet useful technology training to the staff based on feedback from staff and their administrators.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, LAS03, LAS08</p>				
4.1.3:	<p>Teachers will be trained to seek and download information from the Internet in accordance with District's AUP as well as copyright and plagerism laws.</p> <p>Comments: Making teachers (and therefore, students) aware of what is legally downloadable and how to use information legally from the Internet.</p> <p>LEA LRPT Correlates: EP01, EP02, LAS10</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Technology Director, IT Manager, staff	Monitoring by walk-throughs, approving downloadable programs on computers as well as teachers monitoring students downloading files and quoting materials from the Internet.
4.1.4:	<p>All Teachers, librarians and secondary students will be offered training in using digital cameras, jump drives, CD burners, scanners and LCD projectors to store, transfer, and display information more effectively.</p> <p>Comments: We want our teachers and student body to be aware of various technologies and</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	IT Manager, staff	Staff and students will be using a variety of technologies in the classroom.

	<p>their applications so they can use them effectively.</p> <p>LEA LRPT Correlates: EP01, EP02, EP04, LAS10, TL08, TL10, TL11</p>				
4.1.5:	<p>Train new district staff on how to use online testing system (TestNav and PA Series), network services, online grade book, attendance, lesson planner, e-mail, Special Ed. Manager, RSCCC (Business Office), ADM benchmark test tracking and FTP folders.</p> <p>Comments: Members of the technology department and mentor teachers assist new teachers in using network services as needed.</p> <p>LEA LRPT Correlates: EP03, LAS10, TL04, TL05, TL07</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	IT Manager, Technology Director, campus mentors, curriculum director, network technicians	Grades are posted weekly, classroom visits to check on new staff proficiency with our network, email and FTP, teachers will create and submit testing reports as well as administer online testing.
4.1.6:	<p>Classes are offered on-demand during the school year for district staff on using software and technologies available within the district.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, LAS10</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Technology Director and IT Manager	Sign-in sheets of those attending classes.
4.1.7:	<p>Staff development will be supplemented by Distance Learning and video conferencing services to all staff.</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Technology Director, IT Manager	Activity logs signed in by staff and monitored by technology staff.

	<p>Comments: We want our staff to have access to distance training that they may not be able to attend otherwise from ESC 20 and other sources.</p> <p>LEA LRPT Correlates: EP08, LAS10</p>				
4.1.8:	<p>All staff will pass a competency check list within 3 years that will ensure their mastery of SBEC standards for educators.</p> <p>Comments: All staff will be in compliance with SBEC standards for technology competencies.</p> <p>LEA LRPT Correlates: EP04, EP05, LAS12</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Personnel director and campus principals.	All teachers will complete the checklist.

**OBJECTIVE 4.2:**  
 Technology staff will have access to relevant tech manuals and books

*Budget Amount \$1,500.00*  
*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER02  
 NCLB Correlates: 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>4.2.1: Continue to build the Technology Department technical library.</p> <p>Comments: Technical books include: networking, computer repair, Linux, Windows</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Technology Director	Current books relevant to network operations and district software will be available to all members of the technology department.

server, Exchange server, databases, Apache, SQL, MySQL, antivirus, network security, etc.				
LEA LRPT Correlates:				

**OBJECTIVE 4.3:**

Provide distance learning technologies for professional development, including video conferencing and webinars.

*Budget Amount \$0.00*

*LRPT category: Educator Preparation and Development*

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 03, 04a, 04b, 08, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>4.3.1: Staff development will be augmented by providing video conferencing and webinars. Conferencing phones will be provided on all campuses. A portable video conferencing system will be purchased and made available to all campuses.</p> <p>Comments: We are seeking community funding for the video conferencing equipment.</p> <p>LEA LRPT Correlates: EP08, LAS10</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2008-2011</p>	<p>Technology Director, Curriculum Director, IT Manager</p>	<p>Sign-in sheets</p>

**OBJECTIVE 4.4:**

Provide staff training/support on technology integration in the classroom to ensure that all students meet the Technology Application TEKS.

*Budget Amount \$0.00*

*LRPT category: Educator Preparation and Development*

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 04a, 04b, 07					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.4.1:	<p>Continue in-house staff training on curriculum, curriculum integration and Office 2007 suite.</p> <p>Comments: We want all staff to be proficient in using the Office Suites because it is used extensively in our district and they can better prepare students for future jobs.</p> <p>LEA LRPT Correlates: EP01, EP02, EP04, LAS10</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Curriculum Director, IT Manager, Technology Director	Teacher lesson plans and student projects.

**GOAL 5: Integration: All instructional staff will integrate technology into the classroom to align with TAKS, TEKS, and Technology Application TEKS**

**OBJECTIVE 5.1:**  
 All staff will integrate technology in the classroom to ensure that all students meet the Technology Application TEKS.

*Budget Amount \$0.00*  
*LRPT category: Educator Preparation and Development*

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

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
5.1.1:	<p>All staff will be provided with the latest technology available in their classrooms and computer labs. Textbook adoptions will be contingent on publishers providing curriculum-related software</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Campus principals	Teacher lesson plans, student projects, campus Star Chart and classroom observations.

that aligns to Texas standards.				
LEA LRPT Correlates: I01, I05, I09, TL03				

**OBJECTIVE 5.2:**

All staff will increase the use of technology in their classes on a yearly basis.

*Budget Amount \$0.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 04a, 05, 07, 11

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>5.2.1: Campus principals will encourage teachers to increase the use of technology in the classrooms and will ensure all teachers have adequate access to technology.</p> <p>Comments: Campus principals will make sure that TA TEKS are being taught.</p> <p>LEA LRPT Correlates: I01, LAS12, TL01, TL06</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Campus principals	Weekly walkthroughs, lesson plans

**GOAL 6: Research and Development: Technology staff will investigate the feasibility and benefits of podcasts, wikis, social networking, blogs, video streaming as well as alternate technologies such as thin clients, pdas and ultra mobile PCs.**

**OBJECTIVE 6.1:**

Explore educational applications of new technologies, such as podcasts, video streaming, wikis, blogs and social networking.

*Budget Amount \$0.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates:

NCLB Correlates: 01, 02, 03, 04a, 05, 06, 08, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>6.1.1: Investigate how other successful school districts are using new technologies to enhance curriculum and learning.</p> <p>Comments: As we investigate these new technologies, we want to make sure student safety is a priority.</p> <p>LEA LRPT Correlates: TL08</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Technology Director, IT Manager	Other school districts contacted and new technologies added to our district.

**OBJECTIVE 6.2:**

Research cost-effective technologies such as thin clients, linux-based laptops (the "\$100 laptop") and ultra mobile PCs. Acquiring these more economical devices will allow us to put more technology in the hands of our students. We want to meet the demands of online testing by achieving a higher student-to-computer ratio.

*Budget Amount \$0.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates:

NCLB Correlates: 03, 05, 06

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>6.2.1: We will sample products from different vendors and research a variety of technologies that are cost effective in meeting the demands of classroom instruction and online testing.</p> <p>Comments: We are seeking a mobile computing device that will allow us to purchase 2 or more compared to one laptop. There are not enough</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Technology Director, IT Manager	More computing devices. Reduced operating cost. More students can test online at one time.

computers in our district to test all students at once.				
LEA LRPT Correlates: TL08				

**GOAL 7: Community and Communication: The District will make relevant data and school news available to parents and the community using electronic means. The District will seek to form coalitions with community organizations to benefit the District and the community.**

**OBJECTIVE 7.1:**

Communicate district information and events to parents and community using the district's web site, email and electronic newsletters.

*Budget Amount \$9,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates:

NCLB Correlates: 09

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
7.1.1: Communications department will continue to ensure parents and community have access to district information. Delivery methods include: Web site, email, electronic newsletters, printed newsletters (direct mail), surveys, and local news media.  Comments: We want to effectively communicate district information to the community.  LEA LRPT Correlates: I08, LAS09, TL15	State: Original  Status: In Progress	2008-2011	District Communications Specialist	Parents will have access to district information 24/7. News releases will be issued weekly to local news media. Monthly newsletters will be available by electronic and print media to parents and community.
7.1.2: Continue to provide parent access to student grades, attendance and	State: Original	2008-2011	PEIMS coordinator, food service manager	Number of parents signed up for accounts

	cafeteria purchases and balances.  LEA LRPT Correlates: I08, LAS09, LAS11, TL15	Status: Planned		and technology director	
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**OBJECTIVE 7.2:**

Provide parent and community access to District information technologies. Offer classes in adult literacy to parents using our computer labs.

*Budget Amount \$0.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates:

NCLB Correlates: 09, 10

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
7.2.1: Provide Internet, computer access, and technology training to parents and community.  Comments: We will continue to provide Internet access and community training, including technology training for ESL parents.  LEA LRPT Correlates: I03, I08, LAS09, LAS13	State: Original  Status: In Progress	2008-2011	Superintendent, Technology Director, IT Manager, ESL liason	Sign up sheets for community access and training.

**OBJECTIVE 7.3:**

Continue to seek outside funding and equipment through partnerships with business and community coalitions

*Budget Amount \$0.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates:

NCLB Correlates: 06

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
7.3.1: Seek partnerships with	State:	2008-	Technology	Funding,

	<p>community, parent, and business organizations to acquire equipment and software that benefits the school district.</p> <p>Comments: We are trying to acquire a distance learning lab through help from community organizations and businesses. We have a working partnership with the BISD Educational Foundation, a non-profit community organization that raises funds to provide grants for innovative teacher projects, including equipment and software.</p> <p>LEA LRPT Correlates: I02, LAS13</p>	<p>Original</p> <p>Status: In Progress</p>	<p>2011</p>	<p>Director, Superintendent</p>	<p>equipment and grants received.</p>
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**GOAL 8: Security: Students will be protected from offensive and inappropriate web/email content. District information systems and equipment will be protected from intrusion, attack, and vandalism**

**OBJECTIVE 8.1:**

Provide Internet filtering, SPAM blocking, firewall, antivirus, email antivirus and desktop monitoring.

*Budget Amount \$30,000.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates:

NCLB Correlates:

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
8.1.1:	<p>Maintain network protection systems including, spyware blocking, anti-virus,</p> <p>State: Original</p> <p>Status: In</p>	<p>2008-2011</p>	<p>Technology Director, IT Manager, campus</p>	<p>Students and staff will be protected from inappropriate electronic access.</p>

	<p>email virus and Spam filtering and Internet filtering. Maintain systems for monitoring student computer use. Teachers will effectively monitor student computer use.</p> <p>Comments: Our primary focus is to protect students from inappropriate content, cyber-bullying and online predators.</p> <p>LEA LRPT Correlates: TL14</p>	Progress		principals and teaching staff	Fewer incidents of students accessing inappropriate web sites. Control of virus attacks. Less vandalism.
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**GOAL 9: Online Testing: District will be ready for online testing by 2009. The district will participate in online benchmark testing.**

**OBJECTIVE 9.1:**  
 Maintain existing TestNav and caching server.

*Budget Amount \$0.00*  
*LRPT category: Infrastructure for Technology*

E-Rate Correlates:  
 NCLB Correlates: 02, 11, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>9.1.1: Maintain TestNav and caching server in VLAN for centralized testing administration.</p> <p>Comments: This server will provide test caching for all tests and will be centrally located on</p>	<p>State: Original</p> <p>Status: In Progress</p>	2008-2011	Technology Director	Online testing without service interruption.

the WAN.				
LEA LRPT Correlates: I09, TL04, TL05				

**OBJECTIVE 9.2:**

Provide notebook computers or Ultra Mobile PCs for online test administration, including TAKS and benchmark testing.

*Budget Amount \$540,000.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates:

NCLB Correlates: 03, 05, 06

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
9.2.1: Purchase 400 notebook computers over a 3-year period to provide adequate computers for online testing using local and EdTech funds.  Comments: We will investigate cheaper alternatives to notebook computers, like UMPCs.  LEA LRPT Correlates: I01, I04, I05, TL04, TL05, TL09	State: Original  Status: Planned	2008-2011	Superintendent, Technology Director, district testing coordinator	The district will have sufficient number of computers to test all students during the testing window.

**OBJECTIVE 9.3:**

Increase the use of online benchmark testing to evaluate student progress.

*Budget Amount \$30,000.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01

NCLB Correlates: 02, 11, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
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9.3.1:	Continue to subscribe to Pearson online benchmark testing using the PA Series testing engine.  LEA LRPT Correlates: LAS08, TL07	State: Original  Status: Planned	2008-2011	District testing coordinator	Increased benchmark test administrations.
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**GOAL 10: Human Resources: Automate HR department.**

**OBJECTIVE 10.1:**

All HR processes will be online.

*Budget Amount \$15,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates:

NCLB Correlates:

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
10.1.1: Convert paper HR applications to an online, paperless system.  Comments: We will maintain our existing new-hire online process and will add forms and digital signatures.  LEA LRPT Correlates:	State: Original  Status: In Progress	2008-2011	HR director and Technology director	All forms will be online.

**GOAL 11: Recycling and Conservation.**

**OBJECTIVE 11.1:**

The district will seek means to save energy and paper and recycle obsolete equipment.

*Budget Amount \$0.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates:

NCLB Correlates:

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
11.1.1: Develop a plan to reduce the amount of electricity consumption by turning off or putting to sleep computers after working hours.  LEA LRPT Correlates:	State: Original  Status: Planned	2008- 2011	All staff	Energy bill will be reduced.
11.1.2: Convert to online documentation, including maintaining an online board book.  LEA LRPT Correlates:	State: Original  Status: Planned	2008- 2011	Technology department, superintendent.	Annual expenditure for copying/printing will be reduced.
11.1.3: All obsolete computers and monitors will be disposed of either by recycling or in an environmentally friendly manner.  LEA LRPT Correlates: I07	State: Original  Status: Planned	2008- 2011	Technology director	Proper disposal of obsolete equipment.
11.1.4: Provide network copiers for cost-effective printing.  LEA LRPT Correlates:	State: Original  Status: Planned	2008- 2011	Technology department and campus principals	All teachers will print multiple copies to network copiers instead of costly personal printers.

## **Budget**

Total amount of Title II, Part D formula funds received for the current year of this plan:  
\$13,252.00

Method of application for formula funds: Local Application

<b>Budget year 2008</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$45,800.00	\$3600 Title II D \$18200 Local \$24000 Federal
Telecommunications & Internet Access	\$100,000.00	\$65700 ERATE \$34300 Local
Materials & Supplies	\$500.00	\$500 Local
Equipment	\$362,000.00	\$50000 State \$300000 Local \$12000 Community
Maintenance	\$0.00	NA
Miscellaneous Expenses	\$74,000.00	\$49000 Local \$20000 Federal \$5000 State
Total	\$582,300.00	

<b>Budget year 2009</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$45,800.00	\$3600 Title II D \$18200 Local \$24000 Federal
Telecommunications & Internet Access	\$100,000.00	\$65700 ERATE \$34300 Local
Materials & Supplies	\$500.00	\$500 Local
Equipment	\$350,000.00	\$50000 State \$300000 Local
Maintenance	\$0.00	NA
Miscellaneous Expenses	\$74,000.00	\$49000 Local \$20000 Federal \$5000 State
Total	\$570,300.00	

<b>Budget year 2010</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per</b>

		<b>source</b>
Staff Development	\$45,800.00	\$3600 Title II D \$18200 Local \$24000 Federal
Telecommunications & Internet Access	\$100,000.00	\$65700 ERATE \$34300 Local
Materials & Supplies	\$500.00	\$500 Local
Equipment	\$350,000.00	\$50000 State \$300000 Local
Maintenance	\$0.00	NA
Miscellaneous Expenses	\$74,000.00	\$49000 Local \$20000 Federal \$5000 State
<b>Total</b>	<b>\$570,300.00</b>	

## **Evaluation**

### **Evaluation Process:**

Plan evaluation will use the same process as described in the Assessment Process of the Needs Assessment. The District Improvement Committee and the Technology Director will be responsible to insure the timeline is being met and to make adjustments to the timeline as needed.

1. **Technology Committee:** This committee meets as needed to discuss the needs of the individual campuses. The committee is comprised of teachers, Instructional Technology Specialists at each campus, members of the technology department, principals, teachers and librarians. Emphasis is placed on meeting the requirements of TEKS, TAKS, and the Technology Application TEKS. Software solutions are researched to enhance student success in the classroom.
2. **Campus Improvement Committees:** These committees meet on a regular basis to discuss the needs of each campus for technology and technology integration. Findings are reported to the District Improvement Committee.
3. **District Improvement Committee:** This committee evaluates the recommendations of the CIC committees based on the needs of the District as a whole. Approved recommendations are reported to the School Board and to the Technology Department.
4. **Communications:** The communications department will distribute several surveys during the year to staff, administrators, and the public by electronic and printed media. The data from these surveys are compiled, evaluated and disaggregated to the superintendent, staff, public, and the

Technology Department.

5. Technology Director: The Director regularly meets with campus principals and staff on an informal basis to evaluate current and future needs of students and staff. Each campus has an Instructional Technology Specialist that relays needs from the "front line". The Director meets each school year with campus principals to determine campus needs and to discuss "wish lists" of their staff.

**Evaluation Method:**

1. Integrating technology into curriculum and instruction: Campus principals will monitor and assess teacher's progress with integrating technology in the classrooms. All PC and laptop have 3-year on-site warranties.

2. Increasing the ability of teachers to teach: The Technology Department maintains an on-line work order database to help streamline the process of communicating computer issues with the campus technicians. The Technology Department will ensure that teachers experience little down time and are able to use technology in the classrooms, labs, and libraries. The Technology Department will assist in equipping teachers with needed technologies in the classroom to meet the growing electronic needs as they arise.

3. Enabling students to meet challenging state academic standards: The District will continue to provide TAKS and TEKS remediation software programs on each campus including SuccessMaker, CEI, and A Plus.

4. Acquiring and deploying technologies and telecommunication services: The campus and district committees will meet on a regular basis to assess technology services and to recommend improvements to the Technology Department. The Technology Director meets with other technology representatives from surrounding districts to see what technologies they are using successfully so our district will know which directions they may need to pursue in acquiring technologies and telecommunication services.

5. Meeting timelines for implementation: The campus principals hold classroom teachers responsible to ensure that all goals and timelines of the E-Plan are being met. Adjustments to the plan and timeline will be updated in the E-Plan by the Technology Director.

## Appendix

**Attachment item A:**

Press releases to parents and community

- Web site: [http://www.banderaisd.net/Communications/News\\_Releases.htm](http://www.banderaisd.net/Communications/News_Releases.htm)

**Attachment item B:**

District home page

- Web site: <http://www.banderaisd.net>

**Attachment item C:**

Parent access to grades, school lunches, academic calendar, bad weather information, immunization requirements and teacher web pages

- Web site: [http://www.banderaisd.net/Family\\_Center/default.htm](http://www.banderaisd.net/Family_Center/default.htm)
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