

BANDERA ISD Technology Plan

2011 - 2014

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

Number of Campuses	4
Total Student Enrollment	2464
District Size	1,600 - 2,999
Percent Econ. Disadvantaged	49.35%

Technology Expenditures		\$2,082,900.00
Technology budgets reported in plan by category	Teaching and Learning Budget	\$1,422,000.00
	Educator Preparation and Development Budget	\$137,400.00
	Leadership, Administration and Support Budget	\$33,000.00
	Infrastructure for Technology Budget	\$490,500.00
	Total:	
Technology Expenditure		\$845.33

Per Pupil	
Number of Campuses with Direct Connection to Internet	4
Percentage of Campuses with Direct Connection to Internet	100.00%
Number of Classrooms with Direct Connection to Internet	200
Percentage of Classrooms with Direct Connection to Internet	100.00%
Computer/Student Ratio	2 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	4
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %

Plan Introduction

Plan Last Edited 12/16/2010

Plan status: approved
Years Included in the Plan: 2011 - 2014
Number of years covered by the plan: 3
Years Approved for the Plan: 2011 - 2014
Number of approved years: 3

Does the district file E-Rate? yes
The district had a "written" plan before E-Rate Form 470 was filed on .

Technology Planning Committee
Dr. Kevin Dyes - Superintendent
David Brown - Technology Director
Charlie Halsell - Instructional Technology Manager
Tracy Thayer - Communications/Federal Programs
Regina Howell - Human Resources
Renee Cadena - Curriculum/Instruction
Bonnie Hale - Testing/At-Risk
Tish Grill - Business
Resources:

Kim Gotthardt - Secondary Campuses
Margie Broomall - Elementary Campuses
Jettie Whitlock - Librarian
Patsy Small - Librarian
Colleen Lewis - Teacher
Andrew Dunn - Campus Administrator
Ginger Postert - Teacher
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 on a regular basis 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 month 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 to the superintendent for approval.
5. For ongoing needs throughout the year, teachers can submit technology requests to their campus principals.
6. District department managers meet with the Technology Director and IT Manager as well to discuss the needs of their departments.
7. The campus technicians supply valuable information to the Technology Director for supplies and equipment needed to meet the school's technology needs.
8. Individual teachers are allowed to contact the Technology Director and IT Manager directly for their needs throughout the school year.

Existing Conditions:

Bandera ISD is a rural school district serving approximately 2500 students grades PreK-12. The District has completed transitioning from a stage of urgent infrastructure upgrades 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 10MB fiber optic lines and share a 20MB Internet connection provided by AT&T. The District runs Linux on most network servers with some Windows 2003/8 servers as certain programs require. We run Exchange email and use NAS for email archiving. Sophos Anti-Virus has dramatically reduced the number of virus-infected computers in the district. PureMessage is the email SPAM 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 users to store files on a network server which can be accessed from school or home. This year we are transitioning to the new TxEIS system for PEIMS and grade book.

All instructional staff, administrators, libraries, and computer labs are now equipped with desktop computers running either XP or Windows 7 and Microsoft Office 2007. Our focus now is to maintain and rotate in new computers so that no computers are more than 5 years old. All of the elementary school classrooms have a projector and document camera and we are working for the same to be true in our middle and high schools.

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 rely on ERATE funding for our telecommunications but we do not qualify for funding for internal connections.

Technology Needs:**1. Instructional and Administrative Staff:**

- continue rotation of computers on a 5-year basis
- place projectors and document cameras in all classrooms
- place interactive tablets in classrooms
- upgrade operating systems from Windows XP to Windows 7
- maintain ftp servers for file storage and home access
- telephone access in classrooms
- continue in-house staff development

2. Students:

- continue rotation of computers on a 5-year basis
- maintain A Plus program for student remediation at the high school
- continue Lexia for Special Education, CCC and Success Maker 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
- maintain ftp servers for file storage and home access
- maintain content filtering
- continue to provide Ed Tech classes in BCIS, Multimedia and Programming
- continue 1:1 initiative using wireless netbooks

3. Infrastructure:

- maintain Linux ftp servers
- upgrade to 40MB Internet access and 20MB WAN
- continue to archive email
- maintain email system with SPAM, Spyware and virus blocker
- upgrade to network copiers for staff printing
- upgrade outdated phone system to voice-over-ip
- maintain phone system for local and long distance service
- maintain School Messenger for student/parent notifications by phone and texting
- continue backups for disaster recovery using redundant NAS in multiple locations

4. Training:

- continue in-house staff training program on curriculum integration
- produce in-house training videos on software and technologies used in the district
- continue to build technology department technical library
- install Distance Learning / Video Conferencing lab for staff training and community continuing education
- 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

- acquire and implement podcasting and video equipment/software for student use
- investigate the possibilities of using podcasts, wikis, social networking, blogs and video streaming in the classroom setting to improve instruction

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 streaming news releases 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 software 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
- maintain emergency notification system using telephone, cell phones, and texting
- maintain redundant backups in multiple locations

9. Online Testing:

- Provide and maintain servers for Benchmark and Online testing
- Use 1:1 initiative netbooks for online testing

10. Human Resources

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

11. Recycling and Conservation

- Continue recycling computer equipment in a secure a eco-friendly manner

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>
1.1.1:	Based on the District's computer inventory, all computers that are 5 years old will be replaced. We	State: Original Status: In	2011- 2014	Technology Director, District Technicians	Update of District's computer inventory

	<p>will replace only the CPU, keyboard, and mouse and use existing monitors to save cost. Old teacher computers will be reformatted for student classroom use or to be used with classroom projectors.</p> <p>Comments: All CPU's will be equipped with 2GB RAM (minimum) and 17-inch LCD monitors or better.</p> <p>LEA LRPT Correlates: I01, I04, I05, I07, TL16</p>	Progress			
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OBJECTIVE 1.2:

All classrooms will be equipped with a multimedia system, including a projector, document camera and interactive tablet. All instructional staff will be trained in-house for effective use of technologies.

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>	
1.2.1:	<p>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</p>	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	Technology Department, campus principals	District technology inventory

	<p>wireless, allowing the teachers to walk around the room, keeping students engaged by allowing them to use it as needed. We are piloting the use of a four-tablet classroom set to allow four students at a time to use the interactive white board.</p> <p>LEA LRPT Correlates: I01, I05</p>				
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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>
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>State: Original</p> <p>Status: In Progress</p>	2011-2014	Technology department	All teachers will have access to a personal and class FTP folders; all students will have a personal FTP folder.

	<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. Electronic textbooks will be available on the FTP server for students to download to their 1:1 netbooks.</p> <p>LEA LRPT Correlates: I01, I05, TL09, TL16</p>				
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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:	Purchase and install a Distance Learning/Video Conferencing lab for use by administrative staff, instructional staff, students, and community. Comments: This lab will be used to deliver curriculum content to students including college classes. Teachers and community will be able to	State: Original Status: Planned	2011-2014	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.

	<p>take college courses, staff development, and participate in video conferences. Participants will be trained in lab usage for best practices. We are currently borrowing a system from ESC 20.</p> <p>LEA LRPT Correlates: I01, I02, I05, I06, LAS13, LAS15</p>				
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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>	
<p>1.5.1:</p>	<p>Benchmark testing will be made available on-line for students. Student data will be made available to appropriate classroom 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>State: Original</p> <p>Status: In Progress</p>	<p>2011-2014</p>	<p>Curriculum Director, IT Manager</p>	<p>Teachers will develop and administer benchmark tests online. Staff will have access to data through our FTP file system.</p>

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>
1.6.1:	<p>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 worksheets.</p> <p>LEA LRPT Correlates: I08, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	Technology Director, campus principals and district PEIMS coordinator	All teachers will use these systems daily.

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	State:	2011-	Campus	Annual

	<p>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.</p> <p>LEA LRPT Correlates: EP03, EP05</p>	<p>Original</p> <p>Status: In Progress</p>	<p>2014</p>	<p>principals and teachers.</p>	<p>completion of the Texas Star Chart.</p>
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OBJECTIVE 1.8:

Staff computer operating systems will be standardized to Windows 7 Pro; office suites will be upgraded 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>
<p>1.8.1: Standardize all staff computers to Windows 7 Professional and Microsoft Office 2007. Staff will be trained by in-house personnel.</p> <p>Comments: Training will be provided to all district staff by the technology department and campus personnel.</p> <p>LEA LRPT Correlates: EP01, EP02, EP04, EP09, LAS10</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2011-2014</p>	<p>Campus technicians</p>	<p>All staff will use Windows 7 Pro and Office 2007.</p>

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>
1.9.1:	All teachers meet the SBEC Technology Applications Educator Standards. LEA LRPT Correlates: LAS12	State: Original Status: In Progress	2011-2014	Campus principals	Campus Star Chart.

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>
1.10.1:	All teachers will integrate the TA TEKS into their lesson planning and will provide opportunities for students to use technology in all curriculum areas. Comments: All teachers will develop lessons that will encourage students to use technology in all curriculum areas. LEA LRPT Correlates: TL01	State: Original Status: In Progress	2011-2014	Campus principals, teachers.	Lesson plans, classroom observations.

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>
<p>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. Old teacher computers will be reformatted for student classroom use or to be used as a stand alone to be hooked up to a projector. In addition, we will begin replacing student computers in elementary classrooms with centers consisting of four netbooks per classroom.</p> <p>Comments: All CPU's will be equipped with 2GB RAM (minimum) and 17-inch LCD monitors. Funding will come from Ed Tech funds and local funds. All computers will have</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2011-2014</p>	<p>Technology Director, District Technicians</p>	<p>Update of District's computer inventory</p>

	3-year, next-day, on-site warranties. LEA LRPT Correlates: I01, I04, I05, I07				
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OBJECTIVE 2.2:

Secondary students will be issued a personal netbook in a 1:1 initiative.

Budget Amount \$360,000.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04a, 04b, 07, 08, 09, 11, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.1: All eighth-grade students will be issued a personal netbook for use at school and at home. Netbooks will remain with the student throughout high school, creating a 1:1 environment in grades 8 - 12. Staff will be trained in strategies and software to enhance student learning and productivity. Textbooks will be installed on each netbook. LEA LRPT Correlates: EP01, EP02, EP03, EP09, I01, I02, I03, I04, I05, I06, I09, LAS05, LAS10, TL05, TL08, TL09, TL13	State: Original Status: In Progress	2011-2014	Superintendent, technology department, campus principals, and teaching staff.	All students in grades 8 - 12 will use a personal netbook in an effective manner in all classes.

OBJECTIVE 2.3:

Student computer operating systems will be standardized to Windows 7 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>
<p>2.3.1: Standardize all student computers to Windows 7 Professional and Microsoft Office 2007. Students will demonstrate mastery of the Technology Application TEKS. Business computer application classes will use the latest technology available.</p> <p>Comments: All new student computers will be standardized with Windows 7 Professional. We will continue upgrading to Office 2007. Funding will come from federal, state and local funds.</p> <p>LEA LRPT Correlates: I01, I05, TL01, TL06, TL08</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2011-2014</p>	<p>Campus technicians</p>	<p>All students will use Windows 7 Pro and Office 2007. Students will demonstrate mastery of the TA TEKS.</p>

OBJECTIVE 2.4:

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>2.4.1: Maintain Success-Maker, CEI, A+ and Lexia software systems for student use on campuses. Continue funding TPRI testing software and touchscreen netbooks.</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 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>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2011-2014</p>	<p>Curriculum Director, campus principals, technology department</p>	<p>TAKS scores, benchmark tests, classroom observations, and graduation/retention data</p>

OBJECTIVE 2.5:

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>2.5.1: Install a Distance Learning/Video Conferencing lab for use by students.</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>	2011-2014	Technology Director	A log will be kept reflecting student use and number of students taking dual-credit courses.

OBJECTIVE 2.6:

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>2.6.1: 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</p>	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	Technology department, teachers	All students will have a personal FTP folder.

documents and access these documents from any computer at school or home. Comments: Students will be able to save and access school work from home. LEA LRPT Correlates: I01, I05, TL09				
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OBJECTIVE 2.7:
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>
2.7.1: The libraries will continue subscriptions to online databases. Comments: All students will have home access to library databases. LEA LRPT Correlates: I01, I05, I09, TL09, TL10, TL11	State: Original Status: In Progress	2011-2014	Campus librarians	Student usage of databases and teacher projects requiring use of online databases.

OBJECTIVE 2.8:
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>
2.8.1: G/T classrooms will be equipped with higher-end computers, mp3 players for podcasting, video cameras and Pinnacle video editing software for class projects. LEA LRPT Correlates: I05, TL10	State: Original Status: In Progress	2011-2014	Classroom teachers	Student work will be created and shared through videos and podcasts.

OBJECTIVE 2.9:

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>
2.9.1: All students will demonstrate mastery of the Technology Application TEKS. Comments: All students will be able to use technology in the classroom and will be equipped to use technology in the real world. LEA LRPT Correlates: TL01, TL02	State: Original Status: In Progress	2011-2014	Campus principals, teachers.	Lesson plans, student technology projects, grades.

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, netbooks, and hand-held devices 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 walk through (teacher evaluations). Special Ed Diags will be able to participate in ARDS at any location. Students in the 1:1 netbook initiative will be able to connect in all classrooms.</p> <p>LEA LRPT Correlates: TL09</p>	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	Campus technicians	All facilities will have wireless connectivity.

OBJECTIVE 3.2:

Maintain Linux-based servers including FTP, DNS, DHCP, and Firewall.

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>
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3.2.1:	<p>Maintain Linux-based servers using free 64-bit Linux distributions.</p> <p>Comments: Linux will provide us with the same benefits as Windows systems with increased reliability and will eliminate costly licensing and annual fees.</p> <p>LEA LRPT Correlates:</p>	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	Technology Director, IT Manager	Reliability, speed, and data protection
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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:	<p>Maintain CSME fiber optic lines at a minimum of 10MB, Internet access, basic phone service, and long distance. Upgrade services as needed to meet the changing needs of the district.</p> <p>Comments: We are going to pursue increasing our bandwidth from 20MB to 40MB.</p> <p>LEA LRPT Correlates: I06</p>	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	Technology Director, Business Manager	All classrooms will have Internet access.

OBJECTIVE 3.4:

Upgrade to managed layer 3 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>
3.4.1:	Purchase and install managed layer 3 switches and VOIP telephone systems on each campus. 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. LEA LRPT Correlates:	State: Original Status: Planned	2011-2014	Technology Director, IT Manager	All classrooms and offices will have VOIP telephones.

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:	Using Microsoft Exchange server, archive all email using NAS devices. LEA LRPT Correlates:	State: Original Status: In Progress	2011-2014	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: Maintain terabyte backup servers in multiple locations to backup grades, email, FTP, Special Education, PEIMS, and A Plus student data. Comments: Our backup system uses Linux servers. LEA LRPT Correlates: LAS14	State: Original Status: In Progress	2011-2014	Technology Director	There will be back up copies of data for our essential servers placed in multiple locations in the event of fire or theft.

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>
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	State: Original Status: In Progress	2011-2014	IT Manager, Curriculum Director, Technology Director	Texas Star Chart. Enrollment data for in-house computer training classes. Improved teacher performance. Classroom observation.

	<p>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>				
4.1.2:	<p>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>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>	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	Technology Director, IT Manager, campus principals.	PDAS walk-throughs, informal class visits, improvements on successive Texas Star Chart results.
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 laws.</p> <p>Comments: Making teachers (and therefore, students) aware of what</p>	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	Technology Director, IT Manager, staff	Monitoring by walk-throughs, approving downloads on computers as well as teachers monitoring students downloading files and quoting materials from the

	<p>is legal to download and how to use information legally from the Internet.</p> <p>LEA LRPT Correlates: EP01, EP02, LAS10</p>				Internet.
4.1.4:	<p>All Teachers, librarians and 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 their applications so they can use them effectively.</p> <p>LEA LRPT Correlates: EP01, EP02, EP04, LAS10, TL08, TL10, TL11</p>	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	IT Manager, staff	Staff and students will be using a variety of technologies in the classroom.
4.1.5:	<p>Train new district staff on how to use online testing system (TestNav), network services, online grade book, attendance, lesson planner, e-mail, Special Ed. Manager, TxEIS (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</p>	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	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.

	<p>services as needed.</p> <p>LEA LRPT Correlates: EP03, LAS10, TL04, TL05, TL07</p>				
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>	2011-2014	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>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>	<p>State: Original</p> <p>Status: Planned</p>	2011-2014	Technology Director, IT Manager	Activity logs signed in by staff and monitored by technology staff.
4.1.8:	<p>All staff will document technology competency and 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>	2011-2014	Personnel director and campus principals.	All teachers will complete the Teacher STAR Chart.

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>
4.2.1: Continue to build the Technology Department technical library. Comments: Technical books include: networking, computer repair, Linux, Windows server, Exchange server, databases, Apache, SQL, MySQL, antivirus, network security, etc. LEA LRPT Correlates:	State: Original Status: In Progress	2011-2014	Technology Director	Current books relevant to network operations and district software will be available to all members of the technology department.

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>
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	State: Original Status: In Progress	2011-2014	Technology Director, Curriculum Director, IT Manager	Sign-in sheets

	<p>be made available to all campuses.</p> <p>Comments: We are currently borrowing a video-conferencing system from ESC 20.</p> <p>LEA LRPT Correlates: EP08, LAS10</p>				
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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>
<p>4.4.1: Continue in-house staff training on curriculum, video creation using Movie Maker, podcasts, and Office 2007 suite.</p> <p>LEA LRPT Correlates: EP01, EP02, EP04, LAS10</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2011-2014</p>	<p>Curriculum Director, IT Manager, Technology Director</p>	<p>Teacher lesson plans and student projects.</p>

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: 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 that aligns to Texas standards. LEA LRPT Correlates: I01, I05, I09, TL03	State: Original Status: In Progress	2011-2014	Campus principals	Teacher lesson plans, student projects, campus Star Chart and classroom observations.

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>
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. Comments: Campus principals will make sure that TA TEKS are being taught. LEA LRPT Correlates: I01, LAS12, TL01, TL06	State: Original Status: In Progress	2011-2014	Campus principals	Weekly walk throughs, lesson plans

GOAL 6: Research and Development: Technology staff will investigate the feasibility and benefits of podcasts, wikis, social networking, blogs, and video streaming.

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>
6.1.1: Investigate how other school districts are using new technologies to enhance curriculum and learning. Comments: As we investigate these new technologies, we want to make sure student safety is a priority. LEA LRPT Correlates: TL08	State: Original Status: In Progress	2011-2014	Technology Director, IT Manager	Other school districts contacted and new technologies added to our district.

OBJECTIVE 6.2:

Research cost-effective technologies such as netbooks and hand-held devices such as the iPod Touch and iPad. 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>
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	State: Original Status: In Progress	2011-2014	Technology Director, IT Manager	More computing devices. Reduced operating cost. More students can test online at one time.

instruction and online testing.				
Comments:				
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, video streaming, 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, video streaming, email, electronic newsletters, printed newsletters (direct mail), surveys, and local news media. LEA LRPT Correlates: I08, LAS09, TL15	State: Original Status: In Progress	2011-2014	District Communications	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 cafeteria purchases and	State: Original Status: In	2011-2014	PEIMS coordinator, food service manager and technology	Number of parents signed up for accounts

	balances. LEA LRPT Correlates: I08, LAS09, LAS11, TL15	Progress		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	2011-2014	Superintendent, Technology Director, IT Manager, ESL parent liaison	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>
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7.3.1:	<p>Seek partnerships with community, parent, and business organizations to acquire equipment and software that benefits the school district.</p> <p>Comments: We have a 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>State: Original</p> <p>Status: In Progress</p>	2011-2014	Technology Director, Superintendent	Funding, equipment and grants received.
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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: Maintain network protection systems including, spyware blocking, anti-virus, email virus and Spam filtering and Internet filtering. Maintain	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	Technology Director, IT Manager, campus principals and teaching staff	Students and staff will be protected from inappropriate electronic access. Fewer incidents of students accessing inappropriate web

	<p>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>				<p>sites. Control of virus attacks. Less vandalism.</p>
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GOAL 9: Online Testing: District will be ready for online testing. The district will participate in online benchmark testing.

OBJECTIVE 9.1:

Maintain 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 the WAN.</p> <p>LEA LRPT Correlates: I09, TL04, TL05</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2011-2014</p>	<p>Technology Director</p>	<p>Online testing without service interruption.</p>

OBJECTIVE 9.2:

Provide notebook computers and netbooks 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 additional notebook/netbook computers over a 3-year period to provide adequate computers for online testing. Comments: Student 1:1 netbooks will have Testnav installed. LEA LRPT Correlates: I01, I04, I05, TL04, TL05, TL09	State: Original Status: Planned	2011-2014	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>
9.3.1: Continue to subscribe to online benchmark testing programs. LEA LRPT Correlates: LAS08, TL07	State: Original Status: In Progress	2011-2014	District testing coordinator	Increased benchmark test administrations.

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:	<p>Convert paper HR applications to an online, paperless system using Applitrack. Post all district forms and manuals on district Intranet site.</p> <p>Comments: We will maintain our existing new-hire online process and will add forms and digital signatures.</p> <p>LEA LRPT Correlates:</p>	<p>State: Original</p> <p>Status: In Progress</p>	2011-2014	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 will recycle obsolete technology 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:	<p>Develop a plan to reduce the amount of electricity consumption by turning off or putting to sleep computers after working hours.</p>	<p>State: Original</p> <p>Status: Planned</p>	2011-2014	All staff	Energy bill will be reduced.

	LEA LRPT Correlates:				
11.1.2:	Implement centralized energy management system to control all heating and cooling systems. This system will operate over the district's network. LEA LRPT Correlates:	State: Original Status: In Progress	2011- 2014	Superintendent, Maintenance Director, and Maintenance Manager	Monthly utility bill.
11.1.3:	Convert to online documentation, including maintaining an online board book. LEA LRPT Correlates:	State: Original Status: In Progress	2011- 2014	Technology department, superintendent.	Annual expenditure for copying/printing will be reduced.
11.1.4:	All obsolete computers and monitors will be disposed of either by recycling or in an environmentally friendly manner. Comments: All hard drives will be destroyed in a secure facility. LEA LRPT Correlates: I07	State: Original Status: In Progress	2011- 2014	Technology director	Proper disposal of obsolete equipment.
11.1.5:	Provide network copiers for cost-effective printing. LEA LRPT Correlates:	State: Original Status: In Progress	2011- 2014	Technology department, business manager, 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: \$0.00

Method of application for formula funds: Local Application

Budget year 2011		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$45,800.00	\$21800 Local \$24000 Federal
Telecommunications & Internet Access	\$100,000.00	\$65700 ERATE \$34300 Local
Materials & Supplies	\$500.00	\$500 Local
Equipment	\$482,000.00	\$50000 State \$420000 Local \$12000 Community
Maintenance	\$0.00	NA
Miscellaneous Expenses	\$74,000.00	\$49000 Local \$20000 Federal \$5000 State
Total	\$702,300.00	
Budget year 2012		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$45,800.00	\$21800 Local \$24000 Federal
Telecommunications & Internet Access	\$100,000.00	\$65700 ERATE \$34300 Local
Materials & Supplies	\$500.00	\$500 Local
Equipment	\$470,000.00	\$50000 State \$420000 Local
Maintenance	\$0.00	NA
Miscellaneous Expenses	\$74,000.00	\$49000 Local \$20000 Federal \$5000 State

Total	\$690,300.00	
Budget year 2013		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$45,800.00	\$21800 Local \$24000 Federal
Telecommunications & Internet Access	\$100,000.00	\$65700 ERATE \$34300 Local
Materials & Supplies	\$500.00	\$500 Local
Equipment	\$470,000.00	\$50000 State \$420000 Local
Maintenance	\$0.00	NA
Miscellaneous Expenses	\$74,000.00	\$49000 Local \$20000 Federal \$5000 State
Total	\$690,300.00	

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 time line is being met and to make adjustments to the time line as needed.

1. Technology Committee: This committee meets informally as needed to discuss the needs of the individual campuses. The committee is comprised of teachers, members of the technology department, principals, 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 in-house technician 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. The district is forming a new technology alignment committee with the curriculum director to monitor plan implementation in the classroom.

2. Increasing the ability of teachers to teach: The Technology Department has in-house campus technicians to help streamline the process of communicating computer issues. 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 Success Maker, 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 time lines for implementation: The campus principals hold classroom teachers responsible to ensure that all goals and time lines of the E-Plan are being met. Adjustments to the plan and time line 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>

Attachment item B:

District home page

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

Attachment item C:

Family Center. Click on Family and Students: Parent access to grades, school lunches, academic calendar, bad weather information, immunization requirements and teacher web pages

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

Attachment item D:

Video news releases

- Web site: <http://www.banderaisd.net/News/Video%20Releases/default.htm>

Attachment item E:

Campus and athletic daily newsletters (right column)

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

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