

# BUSHLAND ISD Technology Plan

2010 - 2013

**Don Wood**

SUPERINTENDENT

## DISTRICT PROFILE

ESC Region	16
City, State Zip	BUSHLAND, TX 790120060
Phone	(806) 359-6683
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County District Number	188904

Number of Campuses	3
Total Student Enrollment	1200
District Size	1,000 - 1,599
Percent Econ. Disadvantaged	16.18%

<b>Technology Expenditures</b>	\$1,030,242.00	
<b>Technology budgets reported in plan by category</b>	Teaching and Learning Budget	\$122,442.00
	Educator Preparation and Development Budget	\$120,000.00
	Leadership, Administration and Support Budget	\$19,500.00
	Infrastructure for Technology Budget	\$768,300.00
	<b>Total:</b>	<b>\$1,030,242.00</b>
<b>Technology Expenditure Per Pupil</b>	\$858.54	
<b>Number of Campuses with Direct Connection to Internet</b>	3	
<b>Percentage of Campuses with Direct Connection to Internet</b>	100.00%	
<b>Number of Classrooms with Direct Connection to Internet</b>	89	
<b>Percentage of Classrooms</b>	100.00%	

<b>with Direct Connection to Internet</b>	
<b>Computer/Student Ratio</b>	2 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>	3
<b>Percentage of campuses that have completed the Texas Campus STaR Chart</b>	0.00 %

## Plan Introduction

Plan Last Edited 06/28/2011

<b>Plan status:</b>	approved
<b>Years Included in the Plan:</b>	2010 - 2013
<b>Number of years covered by the plan:</b>	3
<b>Years Approved for the Plan:</b>	2010 - 2013
<b>Number of approved years:</b>	3

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

strategies 1.1.10 and 1.1.6 were changed from planned to in progress

### Technology Planning Committee

Rick Cagle, Tina Short, Don Wood, Robyn Rhodes, Mark Reasor, Rick Davis, Lora Hoelting.

## Executive Summary

Teaching and learning, educator preparation and development, support services and administration, along with the infrastructure for technology are of the utmost importance in the creation of the Bushland Independent School District technology plan.

The purpose of this plan is to improve academic performance of all students and to communicate this performance regularly to parents via an electronic medium. With technology, students will be able to reach their full learning potential and achieve their highest academic performance. Technology can virtually bring the world to our students, providing a plethora of instructional approaches to reach the varying learning modalities of students. This plan recognizes the importance of immediate access to relevant professional development and technical support for the teachers.

Bushland Independent School District Believes Technology is a Tool to:

- ♣ Enhance instruction
- ♣ Support the learning process
- ♣ Enhance student performance
- ♣ Assist in the decision making process
- ♣ Develop and integrate curriculum
- ♣ Improve and enhance staff development
- ♣ Link the school with the community
- ♣ Insure student success in the work place
- ♣ Improve critical thinking skills

This plan is based on the following information sources:

- ♣ Survey of School site hardware and software and instructional equipment.
- ♣ Survey of Staff
- ♣ StarChart
- ♣ Survey of Students
- ♣ Other District, State and National technology plans
- ♣ Requirements of the Texas Long Range Technology Plan
- ♣ Requirements of E-Rate
- ♣ Requirements of NCLB

The Bushland ISD Technology Plan serves as guidance for future use and improvement for all technology programs in the district. This plan emphasizes; the integration of technology into the curriculum, improved student performance, extensive teacher preparation, staff development, and support and maintenance services.

## Needs Assessment

### Assessment Process:

Teachers, Support Staff, Administrators, and Students are surveyed annually to determine their past, present and future uses of the technology provided by BISD

### Existing Conditions:

Bushland ISD is comprised of three campuses. Each campus has internet connectivity to all classrooms, libraries, labs and administrative offices. Internet connectivity is provided by a 1.5 MB wireless connection on each campus. The High School campus connects to the Middle and Elementary schools via a 45 MB wireless connection. The Middle School and Elementary School are connected via fiber optic cable. Internal connections are supported by a gigabyte backbone with 100 mb connections to the desktops.

IP phones are in every classroom at the high school and are in strategic locations on the other campuses. Long range plans call for phones in every classroom in the district.

Every classroom at the high school has a minimum of 6 network drops and a minimum of 3 multimedia computers installed. Each teacher has a laptop to achieve the 1 to 1 teacher to computer ratio. Microsoft Office 2003 is installed on most machines, with the remainder running Microsoft Office 2007. Currently all machines are running Windows XP but Windows 7 will be incorporated as new machines are purchased and existing machines are upgraded

The Elementary School has access to one 30 machine Writer lab with printer, one computer lab with 26 computers, and one COW with 16 machines for student use. The library has 10 LCD projectors available for use by the staff. Staff members all have laptops for their use.

The Middle School staff have personal laptops to meet the one to one staff ratio. Ten additional LCD projectors are available in the library for use by the staff. One computer lab with 24 computers is located in the middle school, as well as one laptop cart with 16 machines and a 10 machine lab primarily for remediation. The library also has 25 computers for student and staff use.

The High School has two computer labs, with a third to be added during the current construction phase. The High School also has three laptop carts, with 16 machines each for teacher checkout. High School classrooms have a minimum of three computers for student use and each teacher has a laptop. New construction will provide 8 more classrooms and one additional science lab, which will be equipped the same as the rest of the campus.

Teachers utilize the network for email, administrative purposes, communicating through a website, attendance, grade reporting and attendance accounting. Email is provided by the district as well as in-district instant messaging. Both of these functions are hosted locally by the district.

Each campus has a portal for use to provide information and to increase the ease of sharing information.

Teacher's also utilize the network to create and enhance student learning using such tools as Power Media Plus, Lesson Planning, Test Development, PA Series Diagnostic Testing and other powerful educational tools.

### Technology Needs:

The district has almost 700 computers for students and staff. A five year replacement cycle is proposed to insure the best quality equipment that we can provide. The current school year started the first cycle of staff laptop replacement, with 44 new machines placed in service. The 2010 school year will see the completion of new classrooms and labs at the high school and middle school. This will require 54 new machines just to bring the new rooms up to district standards. This will result in fewer new machines available to replace older machines throughout the district.

Upgrades will be pushed to keep older machines on line as long as possible.

Access by staff, students, parents, and administrators from off campus has begun with the addition of a Citrix server. Parents may access student grades, attendance, and lunch room usage from any computer with internet access, via the parent portal on our website. Grades may now be accessed by staff members via the internet, allowing for more flexible working schedules.

Administrative and Instructional computer usage continues to rise and expand along with student growth and use. The continued growth in the district will require staffing in the technology department to remain a consideration.

The district created basic skills tests to assist staff in determining individual skill levels necessary to utilize technology to support the learning environment. These skill tests began in the spring of 2007 and are continuing. Current employees move to higher level proficiencies with new hires starting with the basics. Continual training is a priority to ensure staff keeps pace with new developments. Proficiencies begin with basic computers skills that will help make the teacher's job easier and more productive. Individual and group staff development has been developed to ensure that each staff member receives the support necessary to achieve the goals set by the state and the district.

The phone system will need to be expanded to sustain our current growth rate. New switch components will need to be added to the Middle School and Elementary School to ensure continued connectivity with the highest possible band width.

## Goals, Objectives, and Strategies

**GOAL 1: Entire Distict will have the necessary technology infrastructure to successfully integrate technology into the learning process and to insure the highest quality learning environment.**

**OBJECTIVE 1.1:**

100% of students and staff will have access to technology equipment and facilities to insure integration of technology and improve student performance.

*Budget Amount \$86,442.00*  
*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01, ER02  
 NCLB Correlates: 01, 03, 04a, 05

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.1.1:	Monitor and adjust procedures for the districts hardware inventory and for the standardization of hardware. Remove and replace older hardware as needed.  LEA LRPT Correlates: I04, LAS07	State: Revised  Status: In Progress	2010-2013	Director of Technology, Business Manager, Superintendent, Campus Administrators	Consistent and standard equipment inventory.
1.1.2:	Provide remote access to network resources  LEA LRPT Correlates: EP05, I02, I03, I06, I08, LAS03, TL05	State: Revised  Status: In Progress	2010-2013	Director of Technology, Business Manager, Superintendent	Hardware and software in place and operational Grades online for parents to view Cafeteria account online and operating Citrix services expanded
1.1.3:	Remove and replace out of date laptops for staff members as needed. 5 year rotation is preferred.	State: Revised	2010-2013	Director of Technology, Superintendent, Business Manager	Equipment purchased and in place

	LEA LRPT Correlates: EP03, I01, I03, I04, I07, LAS05, TL04, TL06, TL07, TL08, TL09, TL12, TL15, TL16	Status: Planned			
1.1.4:	Maintain equipment and software for, library use and management, textbook management, student attendance, grade book, staff email, staff instant messaging, and websites for each teacher  Comments: Teachers will create the website to demonstrate proficiency  LEA LRPT Correlates: EP05, EP07, I01, I03, I05, I06, I08, LAS01, LAS05, LAS07, LAS09, LAS10, TL01, TL07, TL08, TL10, TL12, TL15, TL16	State: Revised  Status: In Progress	2010-2013	Director of Technology, Technology Coordinator	Equipment and software work as required
1.1.5:	Maintain and update computers on each campus. 5 year rotation is preferred when possible.  Comments: Replaced 75 machines in 2008-2009, with the same plans to replace the same number annually  LEA LRPT Correlates: I02, I04, I05, I07, TL07, TL08	State: Revised  Status: In Progress	2010-2013	Director of Technology, Technology Coordinator	Labs in working order Machines running Windows XP, or Windows 7
1.1.6:	Purchase equipment to upgrade and maintain 1:1 educator-to-workstation ratio  Comments: All teachers supplied with laptops in 2007. R and R laptops for the High School Staff prior to 2009-2010 school year.  LEA LRPT Correlates: I01, I04, I06, I09, LAS01, LAS05, LAS07, TL07, TL08, TL09, TL15	State: Revised  Status: In Progress	2010-2013	Director of Technology, Superintendent, Business Manager	Equipment purchased and in place
1.1.7:	Provide local and long distance phone service in each classroom, office, and workroom. Provide cellular service to appropriate staff  Comments: All High School Classrooms have phones in place. Phones will be added to Middle School and Elementary School when appropriate  LEA LRPT Correlates: I01, LAS04	State: Revised  Status: In Progress	2010-2013	Director of Technology, Superintendent, Business Manager	Phones in place

1.1.8:	High speed Internet access is be provided to every classroom and office and library in the district. Internet bandwidth will be monitored and increased to insure proper capacity is provided for all users  LEA LRPT Correlates: I02, I06, TL08, TL12, TL16	State: Revised  Status: In Progress	2010-2013	Director of Technology	Internet access available to every classroom, office and library in the district. With appropriate bandwidth as needed
1.1.9:	Purchase a Scantron linked to DMAC that will score and analyze test data and bench mark tests, which will be used by teachers to help identify and focus on weak areas in order to improve student achievement  Comments: One scantron at the district level. Plans are to have one at each campus  LEA LRPT Correlates: EP03, LAS08, TL04, TL05, TL07	State: Revised  Status: Planned	2010-2013	Director of Technology, Curriculum Director, Principals, Technology Coordinator	Machine loaded with software, curriculum director data, Taks scores
1.1.10:	Computers will be installed in the new computer lab and classrooms  LEA LRPT Correlates: I09, TL01, TL02, TL08	State: Revised  Status: In Progress	2010	Technology Director, Technology Coordinator	Lab and classrooms have computers installed
1.1.11:	Teachers will utilize technology to help differentiate instruction to meet the needs of all students  LEA LRPT Correlates: EP01, LAS10, TL05, TL07	State: Revised  Status: In Progress	2010-2013	Principal, Teachers, Curriculum Director, Technology Coordinator	Instructional plans, Achievement of special populations
1.1.12:	BISD will participate in the Curriculum Collaborative to ensure quality, alignment of curriculum, instruction, and assessment  LEA LRPT Correlates: LAS05, LAS10, TL16	State: Revised  Status: In Progress	2010-2013	Curriculum Director, Principals, Teachers	Curriculum alignment document in place, Teacher Instructional Plans
1.1.13:	BISD will continue to increase the purchases of LCD projectors for each campus so that each classroom is equiped. The purchase of Elmos and other digital presentation devices will be considered.  LEA LRPT Correlates: I09, LAS10, TL08	State: Revised  Status: Planned	2010-2013	Technology Coordinator, Principals, Librarians	Equipment in place, Purchase orders

**OBJECTIVE 1.2:**

Update district technology plan

Budget Amount \$30,000.00  
 LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02  
 NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 09, 11, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.2.1: Technology plan updates to adjust priorities and requirements for technology integration  LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP07, EP08, EP09, I01, I02, I03, I04, I05, I06, I07, I08, I09, LAS01, LAS02, LAS03, LAS04, LAS05, LAS07, TL01, TL02, TL04, TL05, TL06, TL07, TL08, TL09, TL10, TL11, TL12, TL13, TL14, TL15, TL16	State: Revised  Status: In Progress	2010-2013	Superintendent of Schools, Director of Technology, Technology Committee, Campus Administrators	Plans updated to meet needs
1.2.2: Update technology committee  LEA LRPT Correlates: I01, I02, I03, I08, I09, LAS01, LAS02, LAS04, LAS07	State: Revised  Status: In Progress	2010-2013	Superintendent of Schools, Director of Technology, Campus Administrators	Committees updated and working
1.2.3: Establish software list that will be installed on district computers  LEA LRPT Correlates: EP02, EP05, I01, I02, LAS01, LAS05, LAS07, LAS08, TL01, TL04, TL05, TL06, TL07, TL09, TL14	State: Revised  Status: In Progress	2010-2013	Director of Technology, Superintendent of Schools, Director of Curriculum, Software committee	Software selected and installed as per district guidelines
1.2.4: Establish committee of staff, administrators, support staff, and community members to determine software to be utilized for instructional, administrative and support services, and for parent access  LEA LRPT Correlates: EP02, EP05, I01, I09, LAS01, LAS07, TL01, TL04, TL06, TL07, TL09, TL14	State: Revised  Status: In Progress	2010-2013	Superintendent of Schools	Software list developed and approved

**OBJECTIVE 1.3:**  
 Remove and replace obsolete technology on a scheduled basis

Budget Amount \$220,800.00  
 LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01  
 NCLB Correlates: 01, 03, 05

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
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1.3.1:	Remove and replace obsolete technology on a scheduled basis. Replace 20% of districts computer and network equipment annually. Equipment 5 year or older will be replaced  LEA LRPT Correlates: I01, I02, I03, I05, I07, I08, LAS01, LAS05, TL09, TL10	State: Revised  Status: In Progress	2010-2013	Director of Technology, Technology Coordinator	Equipment replaced and updated
1.3.2:	All workstations, servers, laptops, and associated equipment will be maintained, updated and functional  LEA LRPT Correlates: I01, I02, I04, I05, I06, I08, I09, TL06, TL08	State: Revised  Status: In Progress	2010-2013	Director of Technology, Technology Coordinator	All equipment is working and available on demand
1.3.3:	Replace obsolete servers and add additional servers to handle increased storage demands  LEA LRPT Correlates: I01, TL05, TL08, TL10, TL11	State: Revised  Status: Planned	2010-2013	Technology Director	Server in place and working

**OBJECTIVE 1.4:**

Train and retain personnel for installing, supporting, training, and maintaining the infrastructure

*Budget Amount \$540,000.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04b, 11, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.4.1:	Technology training will be provided to technology support staff. Train district computer lab personnel in software-based support  LEA LRPT Correlates: EP01, EP02, EP04, EP06, EP07, EP09, I07, LAS03, LAS06, TL08, TL16	State: Revised  Status: In Progress	2010-2013	Superintendent of Schools, Director of Technology, Technology Coordinator, Curriculum Director	Training is provided, certificates of completed training on file
1.4.2:	Competitive salaries for technology support personnel will be maintained  LEA LRPT Correlates: I02	State: Revised  Status: Planned	210-2013	Superintendent of Schools	Competitive salaries are paid
1.4.3:	Add network staff to maintain the network. Add technical support personnel for every 400 users  LEA LRPT Correlates: EP01, LAS07	State: Revised  Status: Planned	2010-2013	Superintendent of Schools	Personnel in place

**OBJECTIVE 1.5:**

Provide software that will assist in the support of client machines and servers

Budget Amount \$7,500.00  
 LRPT category: Infrastructure for Technology

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.5.1:	Maintain campus security software for student, staff and administrative computers  LEA LRPT Correlates: LAS07	State: Revised  Status: In Progress	2010-2013	Director of Technology	Software installed
1.5.2:	Provide antivirus, anti-spam, and anti-spyware plans and software  LEA LRPT Correlates: LAS07	State: Revised  Status: In Progress	2010-2013	Director of Technology	Software installed and fewer virus, spam, and spyware calls received
1.5.3:	Provide remote management software so technical staff can deploy and repair software, assist users, and maintain the network  LEA LRPT Correlates: I02, I07, LAS07	State: Revised  Status: In Progress	2010-2013	Director of Technology	Help desk logs
1.5.4:	Purchase additional software for Scantron, to allow teachers to analyze student progress  LEA LRPT Correlates: I09, LAS08, TL04, TL07	State: Revised  Status: Planned	2010-2013	Technology Director, Curriculum Director	Software in place, Data Reports, Student progress
1.5.5:	Provide backups for mission critical files, student files, staff files, financial records, email, and website  LEA LRPT Correlates: LAS14	State: Revised  Status: In Progress	2010-2013	Technology Director	Backups in place and operational

**GOAL 2: Improve academic performance across the curriculum with integration of technology**

**OBJECTIVE 2.1:**

Increase integration of the Technology TEKS into core academic subjects

Budget Amount \$4,500.00  
 LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02  
 NCLB Correlates: 01, 02, 04a, 07, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.1.1:	Increase computer technology courses at the High School, Middle	State: Revised	2010-2013	Superintendent of Schools, Director of	Course offerings indicate the

	School, and Elementary School LEA LRPT Correlates: EP02, LAS01, TL01, TL02, TL03, TL06, TL09, TL14	Status: Planned		Curriculum, Campus Administrators	courses are being offered
2.1.2:	Place technology lessons on the BISD Intranet to support the instruction across the curriculum LEA LRPT Correlates: LAS01, LAS10, LAS13, TL08, TL11, TL16	State: Revised  Status: Planned	2010-2013	Technology Coordinator, Curriculum Director	Lessons posted
<b>OBJECTIVE 2.2:</b> Provide curriculum resources on line  <i>Budget Amount \$33,000.00</i> <i>LRPT category: Teaching and Learning</i>  E-Rate Correlates: ER01, ER02 NCLB Correlates: 01, 02, 07, 12					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.1:	Add curriculum resources to existing student management system LEA LRPT Correlates: I08, TL07	State: Revised  Status: Planned	2010-2013	Director of Technology	Curriculum resources are online
2.2.2:	Create portal site where staff, parents, students and community can access curriculum, online resources, grades, testing data. LEA LRPT Correlates: I02, I09, TL07, TL09, TL15	State: Revised  Status: Planned	2010-2013	Director of Technology	Portal up and running
2.2.3:	Provide curriculum and professional training material using a video streaming service LEA LRPT Correlates: EP01, EP04, EP05, EP06, EP08, EP09, I08, LAS03, LAS05, TL06, TL07, TL08, TL09, TL15	State: Revised  Status: Planned	2010-2013	Director of Technology, Director of Curriculum	Useage data from service
2.2.4:	Provide on-line library resources for students and staff LEA LRPT Correlates: LAS05, TL06, TL07, TL08, TL09, TL16	State: Revised  Status: In Progress	2010-2013	Director of Technology, Librarian	Resources on-line
2.2.5:	Server Space will be expanded as needed LEA LRPT Correlates: I09, LAS10, LAS15, TL10, TL11	State: Revised  Status: Planned	2010-2013	Technology Director	Server in place
2.2.6:	Educational and research links will be posted on the District's website so that the information is accessible to	State: Revised	2010-2013	Technology Director, Technology Coordinator,	Links posted

	students, parents and teachers  LEA LRPT Correlates: EP04, LAS10, TL11, TL15, TL16	Status: In Progress		Curriculum Director	
2.2.7:	Provide a web-based state assessment preparation program for instructional and diagnostic purposes  LEA LRPT Correlates: I09, LAS15, TL04, TL08	State: Revised  Status: Planned	2010-2013	Technology Director, Principals, Curriculum Director	Program usage and data

**OBJECTIVE 2.3:**  
Provide distance learning opportunities for students and staff

*Budget Amount \$3,000.00*  
*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01, ER02  
NCLB Correlates: 01, 02, 03, 04a, 04b, 08

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.3.1:	Determine which courses will be taught with distance learning technology  LEA LRPT Correlates: I02, LAS01, TL02, TL05, TL08, TL15, TL16	State: Revised  Status: Planned	2010-2013	Superintendent, Director of Curriculum, Campus Administrators	Courses are approved by board and included in catalog
2.3.2:	Determine members of on-line teaching staff, provide training in the creation and delivery of on-line courses  LEA LRPT Correlates: EP08, EP09, LAS01, TL02, TL05, TL08, TL15, TL16	State: Original  Status: Planned	2010-2013	Superintendent of Schools, Campus Administrators	Staff in place and courses available on-line

**OBJECTIVE 2.4:**  
Integrate technology into teaching and learning in all instructional areas

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

E-Rate Correlates: ER01  
NCLB Correlates: 01, 02, 04a, 07, 11

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.4.1:	Promote current and identify new strategies for integrating technology into instructions  LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP07, EP09, LAS03, LAS10, TL01, TL05, TL06, TL07, TL08, TL09, TL12, TL14, TL16	State: Original  Status: In Progress	2010-2013	Superintendent of Schools, Director of Curriculum, Campus Administrators	Lesson plans, PDAS, surveys

2.4.2:	Students will utilize technology as a tool to perform writing, developing presentations, access information, process, and solve problems  LEA LRPT Correlates: I01, LAS01, LAS02, LAS10, TL01, TL05, TL06, TL09, TL12	State: Original  Status: In Progress	2010-2013	Campus Administrators, Director of Curriculum	Teacher lesson plans, published student work, surveys
2.4.3:	Students will use basic and advanced software applications to develop and complete assignments  LEA LRPT Correlates: I01, I02, LAS01, TL01, TL02, TL03, TL04, TL05, TL06, TL08, TL09	State: Revised  Status: In Progress	2010-2013	Superintendent of Schools, Director of Curriculum, Campus Administrators	Student work, lesson plans, observations
2.4.4:	Teachers will utilize online grade book, and automated student accounting program  LEA LRPT Correlates: I01, I06, LAS02, TL06, TL09	State: Revised  Status: In Progress	2010-2013	Director of Technology, Campus Principals	Programs in place and utilized by teachers
2.4.5:	Libraries will utilize and maintain a computerized card catalog and check out system  LEA LRPT Correlates: EP05, I08, LAS01, LAS05, TL05, TL06, TL08, TL09	State: Revised  Status: In Progress	2010-2013	Director of Technology, Head Librarian	Libraries are automated
2.4.6:	Teachers will create lessons that reflect the integration of technology TEKS with the core curriculum  LEA LRPT Correlates: TL01, TL05, TL16	State: Original  Status: In Progress	2010-2013	Principals, Teachers	Instructional Plans
2.4.7:	Teacher created lessons, that integrate technology, will be posted on the BISD website. Lessons will engage students in learning and allow teachers to share best practices of technology integration with others  LEA LRPT Correlates: I09, LAS10, TL01, TL08, TL16	State: Revised  Status: Planned	2010-2013	Technology Coordinator, Curriculum Director, Principals, Teachers	Lesson plans posted

**GOAL 3: Provide professional development on integrating technology into teaching an learning, instructional management, and administration**

**OBJECTIVE 3.1:**

Implement staff development plan aligned with technology standards to improve academic achievement

*Budget Amount \$45,000.00*

*LRPT category: Educator Preparation and Development*

E-Rate Correlates: ER01, ER02

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

NCLB Correlates: 01, 02, 03, 04a, 04b, 07, 08, 11, 12					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	Develop assessment of necessary skills to determine technology proficiency of all staff  LEA LRPT Correlates: EP03, EP04, EP07, LAS02	State: Original  Status: In Progress	2007-2010	Director of Technology	Assessment administered and results utilized
3.1.2:	All teaching staff will complete the Star Chart survey  LEA LRPT Correlates: EP03, EP05, LAS01, LAS02, LAS03, TL02, TL06	State: Original  Status: In Progress	2010-2013	Campus Administrators, Director of Technology, Superintendent of Schools	Charts completed and data utilized to determine future teacher training
3.1.3:	Provide staff development to assist staff in progression to advanced level of technology usage  LEA LRPT Correlates: EP01, EP03, EP06, EP07, EP08, LAS01, LAS12, TL02, TL11, TL16	State: Revised  Status: In Progress	2010-2013	Director of Technology, Director of Curriculum	All staff participate in professional development based on individual technology proficiency goals, and on evaluations of Mastery of SBEC standards
3.1.4:	Provide staff development to help staff to integrate technology into their teaching and student learning activities  LEA LRPT Correlates: EP04, EP05, EP08, LAS01, TL02, TL04, TL05, TL06, TL07	State: Original  Status: In Progress	2010-2013	Director of Technology, Superintendent of Schools	Integration strategies evident in lesson planning
3.1.5:	Administrators will receive training and support on recognizing best use practices for technology in the classroom  LEA LRPT Correlates: EP09, I08, LAS01, LAS02, LAS07, TL01, TL02, TL05	State: Original  Status: Planned	2010-2013	Director of Technology, Superintendent of Schools, Director of Curriculum	PDAS
3.1.6:	Develop and implement training for support staff  LEA LRPT Correlates: EP03, EP08, TL05, TL06, TL07	State: Revised  Status: Planned	2010-2013	Director of Technology, Technology Coordinator	Training is utilized by support staff
3.1.7:	Train staff on locating the correlated Technology TEKS  LEA LRPT Correlates: EP01, EP02, EP03, EP05, EP08,	State: Revised  Status: Planned	2010-2013	Campus Administrators, Director of Technology, Director of Curriculum	Integration will be seen in lesson plans and teaching styles

	LAS01, TL05, TL06, TL09				
3.1.8:	Align districts core curriculum with the Technology TEKS  LEA LRPT Correlates: TL01, TL02, TL05, TL06, TL09	State: Revised  Status: Planned	2010-2013	Director of Curriculum, Campus Administrators, Superintendent of Schools	Alignment completed and teachers trained
<b>OBJECTIVE 3.2:</b> Innovative technology use will be encouraged and supported for all staff through training, incentives, and community involvement  <i>Budget Amount \$45,000.00</i> <i>LRPT category: Educator Preparation and Development</i>  E-Rate Correlates: ER01, ER02 NCLB Correlates: 01, 02, 03, 04a, 04b, 06, 07, 08, 09, 10, 11, 12					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.2.1:	Provide software specific training  LEA LRPT Correlates: EP04, EP08, I01, I03, I08, TL07	State: Revised  Status: Planned	2010-2013	Director of Technology, Director of Curriculum, Campus Administrators	Training evaluations and logs
3.2.2:	Develop and implement training strategies and benchmarks for staff  LEA LRPT Correlates: EP07, EP08, LAS01, LAS04, LAS07, TL02, TL05, TL06, TL07, TL09	State: Original  Status: In Progress	2010-2013	Director of Technology, Campus Administrators	Training in place
3.2.3:	Provide opportunities and incentives for district level professional development outside the regular school day  LEA LRPT Correlates: LAS01, TL02, TL05, TL06, TL07	State: Revised  Status: Planned	2010-2013	Superintendent of Schools, Director of Technology, Campus Administrators	Training evaluations
3.2.4:	Attend Local, State, and National technology conferences and workshops  LEA LRPT Correlates: EP03, EP08, LAS05, TL07	State: Original  Status: Planned	2010-2013	Superintendent of Schools, Director of Technology, Campus Administrators	Conference and workshop evaluations
3.2.5:	Provide incentives for technology integration  LEA LRPT Correlates: EP05, EP07, I01, LAS01, TL05	State: Original  Status: Planned	2010-2013	Superintendent of Schools, Director of Technology	Incentives provided and earned by staff
3.2.6:	Post a tip of the week on the BISD Intranet to assist and	State: Original	2010-2013	Technology Coordinator	Tips emailed and posted on Intranet

	promote staff proficiencies LEA LRPT Correlates: EP01, EP04, TL08	Status: In Progress			
3.2.7:	Train teachers to use their website for improved parent and student communication, and as a teaching tool to further student learning LEA LRPT Correlates: EP01, EP02, EP09, LAS10, TL16	State: Original Status: In Progress	2010-2013	Technology Coordinator, Principals, Teachers	Teacher websites

**GOAL 4: Administrative services will insure use of technology to support the curriculum, instruction, and assessment**

**OBJECTIVE 4.1:**

Support will be provided for district and campus adopted software

*Budget Amount \$3,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

NCLB Correlates: 02, 04a, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.1.1:	Adopted software will be maintained and updated LEA LRPT Correlates: I02, LAS04, LAS07	State: Original Status: In Progress	2010-2013	Director of Technology	Software maintained and updated
4.1.2:	Provide district wide assistance and training through a help desk LEA LRPT Correlates: I07, LAS01, LAS05, LAS07	State: Original Status: In Progress	2010-2013	Director of Technology	Work requests turned in and completed
4.1.3:	Review and maintain campus lab software content LEA LRPT Correlates: I02, TL05, TL15, TL16	State: Revised Status: Planned	2010-2013	Director of Technology	Software updated and maintained
4.1.4:	Solicit community partnerships to provide technology resources for the district LEA LRPT Correlates: I03	State: Original Status: In Progress	2010-2013	Superintendent of Schools, Director of Technology, Business Manager, Campus Administrators	Partnerships established
4.1.5:	Apply for grants for teacher training LEA LRPT Correlates: I03	State: Original Status: In Progress	2010-2013	Director of Technology, Business Manager	Grants applied for

**GOAL 5: Expand and Communicate technology access, progress, issues to community, staff, students, and parents**

**OBJECTIVE 5.1:**

Utilize available resources for communication

*Budget Amount \$3,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

NCLB Correlates: 05, 06, 09, 10, 11

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
5.1.1: Publish technology information to students, parents, community, and staff through district web site.  LEA LRPT Correlates: I09, LAS03, LAS04, LAS05, TL15, TL16	State: Original  Status: In Progress	2010-2013	Director of Technology, Campus Administrators, District Administrators	Information published and available
5.1.2: Utilize E-mail to share information with parents, staff, and community  LEA LRPT Correlates: LAS04	State: Original  Status: In Progress	2010-2013	Director of Technology, Campus Administrators, Staff	Information made available to concerned parties
5.1.3: Coordinate with agencies to offer adult literacy programs  LEA LRPT Correlates: LAS05, TL16	State: Original  Status: In Progress	2010-2013	Superintendent of Schools, Director of Curriculum, Director of Technology	Programs offered as needed
5.1.4: Encourage creation and maintenance of teacher web pages  LEA LRPT Correlates: LAS04	State: Original  Status: In Progress	2010-2013	Superintendent of Schools, Director of Technology, Campus Administrators	Web pages published and maintained
5.1.5: Utilize Intranet for: intercommunication between staff and administrators; sharing of educational resources, lessons, and assessments  LEA LRPT Correlates: TL08	State: Revised  Status: In Progress	2010-2013	Technology Director, Administrators, Teachers	Intranet usage
5.1.6: Utilize cafeteria software that allows parents online access to student accounts for inquiries and online payments  LEA LRPT Correlates: LAS09, LAS11	State: Revised  Status: In Progress	2010-2013	Technology Director, Cafeteria Personnel	Program up and working

**OBJECTIVE 5.2:**

Utilize external funding for extended access hours

*Budget Amount \$9,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates:

NCLB Correlates: 02, 03, 06, 09

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
5.2.1: Seek funding from state, federal, and private sources to assist in extending access to technology outside the normal school day  LEA LRPT Correlates: I02, I03, LAS03, LAS04, LAS05	State: Original  Status: In Progress	2010-2013	Superintendent of Schools, Director of Technology	Grants, partnerships, and agreements in place

## Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$17,662.00

Method of application for formula funds: REAPed

<b>Budget year 2010</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$74,500.00	Local funds
Telecommunications & Internet Access	\$17,800.00	Local funds, erate discounts
Materials & Supplies	\$12,000.00	Local funds
Equipment	\$85,600.00	local funds
Maintenance	\$5,500.00	local funds
Miscellaneous Expenses	\$141,000.00	local funds
Total	\$336,400.00	
<b>Budget year 2011</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$74,500.00	Local funds
Telecommunications & Internet Access	\$17,821.00	Local funds, erate discounts
Materials & Supplies	\$12,000.00	Local funds
Equipment	\$86,600.00	Local funds
Maintenance	\$8,500.00	Local funds
Miscellaneous Expenses	\$141,000.00	Local funds
Total	\$340,421.00	
<b>Budget year 2012</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$76,500.00	Local funds
Telecommunications & Internet Access	\$17,821.00	Local funds, erate discounts

Materials & Supplies	\$12,000.00	Local funds
Equipment	\$96,600.00	Local funds
Maintenance	\$9,500.00	Local funds
Miscellaneous Expenses	\$141,000.00	Local funds
Total	\$353,421.00	

## Evaluation

**Evaluation Process:**

The evaluation will focus on determining if the goals and objectives of the plan are being met and to what extent. Quality and quantity will be considered when analyzing the data to determine the degree the goals and objectives were met. The effectiveness and impact of the activities on the affected parties should also become apparent. The following guidelines will be used in the evaluation process:

- Is the integration of technology into teaching and learning increasing academic performance across the curriculum?
- What is the impact of professional development on integrating technology into teaching and learning, instructional management and administrations?
- What is the quality of technical support for the technology infrastructure?
- To what extent is technology integrated into the administrative processes to support data driven management decisions?
- Is the technology and telecommunications infrastructure that is designed for all areas of instruction and support services appropriately maintained?

**Evaluation Method:**

The following will be used to gather data and to assist in evaluating the level of implementation of the Technology Plan Goals:

- District Technology Committee
- Star Charts
- Surveys
- Checklist of Essential proficiencies
- Sign in sheets from training sessions

Each year, individual campuses are asked to update information in their Star Chart. The district technology committee will review this data annually to determine the progress achieved on each camps and in the district as a whole.

Both district and campus training sessions will be provided throughout the year. Sign in sheets for all trainings will be kept for documentation. All instructional staff will complete proficiency surveys annually which will be reviewed by the technology committee to assist in updating the technology plan.

BUSHLAND ISD does not discriminate on the basis of sex, disability, race, color, age, or national origin in its educational programs, activities, or employment as required by Title IX, Section 504 and Title VI.