

# **Chico Independent School District Technology Plan**

**2011 - 2012**

**Mike Jones**

Superintendent

## DISTRICT PROFILE

ESC Region 11  
 City, State Zip Chico, TX 76431-0095  
 Phone (940) 644-2228  
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 County District Number 249904

Number of Campuses	3
Total Student Enrollment	617
District Size	500 - 999
Percent Econ. Disadvantaged	56.72%

<b>Technology Expenditures</b>	<b>\$163,474.30</b>
<b>Technology budgets reported in plan by category</b>	Teaching and Learning Budget \$29,417.50 Educator Preparation and Development Budget \$4,750.00 Leadership, Administration and Support Budget \$11,895.00 Infrastructure for Technology Budget \$115,911.80 <b>Total: \$161,974.30</b>
<b>Technology Expenditure Per Pupil</b>	\$264.95
<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>	60
<b>Percentage of Classrooms with Direct Connection to Internet</b>	100.00%
<b>Computer/Student Ratio</b>	4 student(s) for every computer
<b>Computer/Teacher Ratio</b>	1 teacher(s) for every computer
<b>Number of campuses that need to complete the Texas Campus STaR Chart</b>	3
<b>Percentage of campuses that have completed the Texas Campus STaR Chart</b>	0.00 %

## Plan Introduction

Plan Last Edited 12/07/2010

**Plan status:** not submitted  
**Years Included in the Plan:** 2011 - 2012  
**Number of years covered by the plan:** 1

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

### Technology Planning Committee

Mike Jones, Superintendent; Brian Deady, District Program Coordinator; Debra Peyton, District Technology Director; Tammy Sanders, Elementary Teacher; Donny Vernon, Middle School Teacher; Kelly Durham, High School Teacher; Traci Umphress, Parent Member; Paula Long, Community Member

## Executive Summary

Chico Independent School District has prepared this one year Technology Plan to articulate a common vision for technology in the district and identify the strategies that will help us use advanced technology to improve academic achievement, including technology literacy, of all students. Chico ISD has a vision for technology that will help "engage and activate" the student in the learning process and remains committed to providing the highest quality teaching and learning environment possible. This commitment includes providing access to high quality technologies for teaching, learning, and district and campus operation; providing high quality professional development to promote learner centered approaches to technology integration, ensuring a safe and healthy technology environment; and using technology to promote highly effective communication and collaboration with students, staff, parents, and the community.

This plan encourages coordination across all education programs for all learners to ensure equitable access by all students to both the technology infrastructure and to the learning resources. In recognizing the ever changing influences of technology in all aspects of our lives, Chico Independent School District is committed to providing every student with technology related instruction, engaging them in the learning process. The educational process can be supported by the use of technology as both the object of instruction and as a tool for learning without replacing the role and expertise of the teacher. Technology is a necessary tool for instructional delivery at all ability levels throughout the curricular areas in order to maximize communication and thinking skills. All students must be able to function effectively in an increasingly technological society. Students will understand the ways in which technology is permeating all aspects of society and will be able to meaningfully apply this acquired knowledge.

## Needs Assessment

### Assessment Process:

Assessment Process: A comprehensive needs assessment utilizing teacher surveys, interviews, campus improvement plans, inventories, and the Texas Campus STaR Chart was conducted to analyze the current status of technology in the district and determine future needs. Items analyzed included: infrastructure, hardware, software, programs, technology resources, staff development, and technical support.

### Existing Conditions:

Although the Texas STaR Chart indicates Developing Tech Levels in the most areas of Teaching and Learning and Educator Preparation and Development, use of technology by teachers and students continues to expand within the district. Curriculum specific software, productivity tools, webbing, and multimedia programs are integrated into the core curriculum. Students and teachers conduct research and participate in other learning activities using Internet access, and district staff access curriculum guides via the Internet. The Acceptable Use Policy (AUP's), developed at the district level, is required for all students and staff members who access the Internet from within the district. Principals model use of e-mail on a daily basis. They also maintain a website with information they wish to convey to teachers, students, parents and the community. District staff utilizes e-mail for communicating both within the district and with parent and community members. In addition, each staff member has their own web page on the District Website being used to update lesson plans, activity schedules and other items of interest to other staff, students and community.

Telecommunications Services: Currently, all students and staff members in the school district have access to the Internet through a direct connection. Currently there are 3 LAN's, one at each campus. The Servers are located at the Middle School and the Elementary and High School connect to the servers via a Fiber connection. This creates the district WAN, allowing information to be processed across the campus levels. Over 350 computers are currently connected across the network. Each classroom has one PC and has a direct connection to the Internet. Additionally there are classroom/lab areas at each campus including a 24 PC lab at the elementary school, a 30 PC lab at the middle school, an additional 30 PC computer lab at the Middle School. The Middle School Labs are also being used by the all grade levels for Summer School instruction. There are two 20-PC labs at the high school. Three libraries, one at the elementary, one at the middle School and another at the high school, each provide ten additional PC's for student and teacher research. Through the LAN/WAN each classroom has access to library programs and materials on their campus, such as Accelerated Reader, Star, and Destiny (the library services catalog system).

A 3Com VCX Connect 200 Server serves to all campuses including administration. This VoIP system allows each teacher, 60 users, to have a phone in their classroom. In addition there are 20 Administration phones.

### Current Conditions:

The following technology is currently in place:

#### District-Wide:

- Direct connection to the Internet via High Speed 10K connection to an independent provider that has a fiber link back to the Service Center our Internet service provider.
- Written policies in place on acceptable use of the Internet, World Wide Web content, network management.
- District Web Page, representing the district and all campuses, is maintained by a Webmaster and updated as needed. Each teacher is also responsible for their own web page on the District Website and required to update it weekly.

#### Elementary Campus:

- Direct connection to the Internet via fiber to the High Speed Internet connection in every classroom.
- One to four network drop(s)/computer(s) in every classroom. Some classrooms have more than four computers connected by a classroom switch.
- Every classroom has a mounted projector.
- Every classroom has a mounted Promethean Education Smart Board.
- One 24 PC networked computer lab maintained by a district technology
- Additional technology equipment such as CPS Units, digital cameras, etc., on campus for teacher check-out
- Networked online card catalog, Internet access, subscription databases, and automated checkout in the library.
- Refer to server software programs for a complete listing of the programs used at the elementary level.
- Part Time Instructional Technologist, also teaching classes at the Elementary School.

#### Middle School:

- Direct connection to the Internet via fiber to the High Speed Internet connection in classrooms.
- One network drop/computer in every classroom, Some classrooms have more than one computer connected by a classroom switch.
- Fiber-backbone, Ethernet-to-the-desktop connected computer labs with file servers for curriculum software and class/student projects.
- A 30 PC computer lab.
- A 30 PC computer lab.
- Additional student-use computers in library.
- Networked online card catalog, Internet access, subscription databases, and automated checkout in the library.

- Every classroom has a mounted projector.
- Every classroom has a mounted Promethean Education Smart Board.
- Technology available on campus to maintain hardware/software.
- Technology hardware such as laptops, CPS units, digital cameras, VCR's available for checkout. All Middle School rooms have a projector mounted on the ceiling.
- Refer to server software programs for a complete listing of the programs used at the secondary level.
- Part Time Instructional Technologist, also teaching classes at the Middle School.

#### High School Level:

- Direct connection to the Internet via fiber to the High Speed Internet connection in classrooms.
- At least one network/computer drop in every classroom. Some classrooms have more than one computer connected by a classroom switch.
- Fiber-backbone, Ethernet-to-the-desktop connected computer labs with file server for advanced technology classes including CAD, Microsoft Office Suite, desktop publishing, web mastering, digital graphics and animation, video technology, computerized accounting, and computer programming.
- One student-use labs reserved for technology classes.
- One labs reserved for technology research checked out to teachers on an as needed basis.
- Additional student-use computers in library.
- Technology available to maintain hardware/software
- Networked online card catalog, Internet access, subscription databases, and automated checkout in the library.
- Every classroom has a mounted projector.
- Every classroom has a mounted Promethean Education Smart Board.
- Technology hardware such as projection devices, laptops, CPS units, digital cameras, VCRs available in library for checkout.
- Part Time Instructional Technologist, also teaching classes at the High School.

During the 2011-2012 School year the Middle School will be moving into a new building. A building that will be rich with technology resources to help engage the students in the learning process.

#### Technology Needs:

##### Identified Needs:

- Provide additional opportunities through staff development to prepare teachers to integrate technology into their curriculum.
- Provide additional opportunities through staff development for all staff members to ensure data integrity of student records.
- Provide additional staff development opportunities that model project-based activities or collaborative learning.
- Provide additional classroom technology such as updated classroom computers, computer projector devices, and scanners.
- Continue infrastructure maintenance/lease agreement of network hardware and telecommunications system.
- Utilize the new Distance Learning Equipment to its fullest potential to include but not limited to: offering of College Classes to students and community, offering GED and/or ESL studies to students and community.
- Continued support to teachers to learn the new technologies that will be utilized in the classroom to engage the students in the learning process. This to include but is not limited to: additional in-service times for teachers, more hands on time with the Instructional Technology support staff and the Technology Coordinator.
- Additional opportunities for the community to use the technologies to gain access to the Internet and to GED and ESL courses through Distance Learning.
- Add a Wireless Infrastructure with the appropriate security.

## Goals, Objectives, and Strategies

<b>GOAL 1: Goal 1: Utilize technology as a tool to foster improvement in academic achievement, curriculum integration, increased accessibility, and innovation.</b>					
<b>OBJECTIVE 1.1:</b> Use computers to engage the students in the learning process and to encourage student mastery of grade appropriate TEKS.  <i>Budget Amount \$8,750.00</i> <i>LRPT category: Teaching and Learning</i>  E-Rate Correlates: ER01, ER02 NCLB Correlates: 01, 02, 04a, 07, 11, 12					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.1.1:	Integrate district wide, technology curriculum with TEKS-aligned student instruction.  LEA LRPT Correlates: TL01	State: Revised  Status: In Progress	2011-2012	Campus Principals	95% students pass appropriate TAKS test.
1.1.2:	Expand Accelerated Reader, STAR testing, Success Maker, Symphony Math, and Reading Coach programs to encourage reading and math success.  LEA LRPT Correlates: TL09, TL10, TL11, TL12	State: Revised  Status: In Progress	2011-2012	Campus principals; district librarian	Increased number of books read, improved reading levels, and improved performance on the TAKS tests at all levels of education.
1.1.3:	Integrate district wide, on-line Benchmark testing by grades taking appropriate TAKS tests.  LEA LRPT Correlates: I09, LAS05, LAS08, TL04, TL07	State: Revised  Status: In Progress	2011-2012	Campus Principals, Technology Director, Campus testing coordinators	Benchmark tests being taken to assess the readiness of students for the TAKS tests.
1.1.4:	Require all students, teachers and other staff to sign the appropriate Acceptable Use Policy (AUP) for their computer usage while using Chico ISD equipment.  LEA LRPT Correlates: TL14	State: Revised  Status: In Progress	2011-2012	Superintendent, Technology Director, Campus Principals	Signed AUP's by students, teachers and staff
1.1.5:	Continue using the Promethean Boards to engage the students in the learning process.  LEA LRPT Correlates: TL09, TL13	State: Revised  Status: In Progress	2011-2012	Campus Principals, District Technology Director	Improved TAKS scores, increase student interaction and engagement with lessons being taught.
<b>OBJECTIVE 1.2:</b> Graduating students demonstrate technological proficiency for personal, continued education, and work use.  <i>Budget Amount \$5,406.00</i> <i>LRPT category: Teaching and Learning</i>  E-Rate Correlates: ER01 NCLB Correlates: 04a, 05, 08					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>

1.2.1:	Integrate use of productivity software for class projects at all educational levels.  LEA LRPT Correlates: TL01	State: Revised  Status: In Progress	2011-2012	Campus Principals, Teachers, Technology Director	Student projects and observed student use
1.2.2:	Offer technology rich courses at high school including Desktop Publishing, BCIS, Business Image Multimedia and CAD.  LEA LRPT Correlates: TL02	State: Revised  Status: In Progress	2011-2012	High school principal, counselor, computer teachers	Enrollment in and successful completion of technology classes.
1.2.3:	Continue the Middle School Classes for Computer Usage at each grade level to comply with the 8th grade Technology proficiency requirement.  LEA LRPT Correlates: TL03, TL12	State: Revised  Status: In Progress	2011-2012	Middle School Principal	Continue offering computer classes at each grade level and 8th graders completing the proficiency test successfully as reported to NCLB
1.2.4:	Offer Distance Learning College Classes, Dual Credit Classes and College Level On-line courses to help prepare High School students for college.  LEA LRPT Correlates: EP08, I09, LAS15, TL13	State: Revised  Status: In Progress	2011-2012	High School Principal; High School Counselor	High School Students completion of Distance Learning College classes, dual credit classes and On-Line College classes

**OBJECTIVE 1.3:**

The district will offer new and emerging technology to increase accessibility and innovation.

*Budget Amount \$7,366.50*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01, ER02

NCLB Correlates: 03, 04a, 04b, 07, 08, 09, 10, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.3.1:	Continue to offer Discovery Streaming videos and other online videos via the streaming server. Continued training and help for staff about Discovery Streaming and what it has to offer.  LEA LRPT Correlates: EP03, EP08, LAS15	State: Revised  Status: In Progress	2011-2012	Campus Principals, Technology Director, Instructional Technologist	Increased usage statistics
1.3.2:	Based on needs assessment, offer 12 hours on campus professional development, delivered by on campus and off campus professionals, for integrating technology with instruction. These can be taught on Staff Development days or before/after school workshops.  LEA LRPT Correlates: EP01, LAS10	State: Revised  Status: In Progress	2011-2012	Superintendent, Campus principals, District Program Coordinator, Technology Director, Instructional Technologist	Sign in Sheets from local training sessions, percentage of teachers that take the professional development and the survey they submit following the training.
1.3.3:	Offer and utilize the courses / special programs that the Distance Learning has to offer all levels of classes, in addition to the community. Community subjects should include	State: Revised  Status: In	2011-2012	Counselor, Technology Director, High School Principal	Offering of some classes to the community



	but are not limited to, GED studies and ESL studies.  LEA LRPT Correlates: I03	Progress			
1.3.4:	Continue offering Distance Learning and on-line courses for college level classes at the High School  LEA LRPT Correlates: I06, I09, TL12, TL13	State: Revised  Status: In Progress	2011-2012	Technology Director, High School Counselor	College Classes offered over Distance Learning and on-line
1.3.5:	Continue the Middle School Classes for Computer Usage at each grade level to prepare for the 8th Grade proficiency test that was required in 2008.  LEA LRPT Correlates: I09, TL03, TL12	State: Revised  Status: In Progress	2011-2012	Middle School Principal	Required computer classes at each grade level
1.3.6:	Continue to offer technology rich courses at high school including Desktop Publishing, BCIS, Business Image Multimedia and CAD.  LEA LRPT Correlates: TL02	State: Revised  Status: In Progress	2011-2012	High School principal, High School counselor, High School computer teachers	Enrollment in and successful completion of technology classes.
1.3.7:	Continue the utilization of an Elementary Technology Curriculum to begin to prepare students with the necessary elements used in Middle School and to align students with the Technology TEKS.  LEA LRPT Correlates: TL01, TL03	State: Revised  Status: In Progress	2011-2012	Elementary Principal, Elementary Improvement Committee, District Special Programs Coordinator, Technology Director	Curriculum implemented in the Elementary Lab
1.3.8:	Continue the use of the Elementary/Middle School Computer Programs designed to increase the knowledge of the student for the mastery of TAKS tests.  LEA LRPT Correlates: LAS01, LAS08, TL04, TL05, TL12, TL13	State: Revised  Status: In Progress	2011-2012	Elementary Principal, Middle School Principal, Technology Director	higher percentage of TAKS test mastery by students.
1.3.9:	Continue the use of the Parent Portal program that works with the District Student Management program that allows the parents to see their student's grades via the Internet.  LEA LRPT Correlates: LAS11, TL08	State: Revised  Status: In Progress	2011-2012	Technology Director	Secure Parent Portal program in place for parents to be able to see their student's grades.

<b>GOAL 2: Promote effectiveness in integrating technology into the curricula, achieving proficiency in SBEC Technology Standards, and transforming teaching practices by promoting student-centered learning.</b>					
<b>OBJECTIVE 2.1:</b> Integrate technology as a teaching strategy.  <i>Budget Amount \$4,750.00</i> <i>LRPT category: Educator Preparation and Development</i>  E-Rate Correlates: ER01, ER02 NCLB Correlates: 04b, 05, 06, 07					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.1.1:	Implement SBEC technology proficiencies and offer six hours on campus professional development, delivered by on campus and off campus professionals, for developing these proficiencies.  LEA LRPT Correlates: EP02, EP04, EP05, EP07, LAS12	State: Revised  Status: In Progress	2011-2012	Campus Principals, Technology Director	Teachers will demonstrate their knowledge about technology and laws regarding technology.
2.1.2:	Offer professional development in use of production suites, interactive white boards and models of technology in the classroom. Based on needs assessment, offer six hours on campus professional development, delivered by on campus and off campus professionals, using production suites and models of technology in the classroom.  LEA LRPT Correlates: EP02, EP03, EP04	State: Revised  Status: In Progress	2011-2012	Campus principals, Technology Director	Attendance records, increased use of technology suites in the classroom and by the teachers
2.1.3:	Teacher creating interactive whiteboard lesson plans and implementing them in the classrooms.  LEA LRPT Correlates: TL03, TL12, TL16	State: Revised  Status: In Progress	2011-2012	Campus Principals, Technology Director	Posted Lesson Plans, Observations by Campus Principals
2.1.4:	Administrators model use of technology including e-mail and productivity tools to communicate with staff, students, parents and community.  LEA LRPT Correlates: EP03, EP06, EP08	State: Revised  Status: In Progress	2011-2012	Superintendent, Campus principals	Administrator communication with staff, students, parents, and community.
2.1.5:	Teachers use e-mail for intra-district communication as well as for communication with parent and community. Teachers continue to maintain their web page on the district website. Teachers continue to keep their electronic gradebooks current for parent portal usage.  LEA LRPT Correlates: EP03, EP04,	State: Revised  Status: In Progress	2011-2012	Campus principals, Technology Director	Increased intra-district e-mail use and communication with parents and community. Increased usage of teacher web pages by parents and community. Increased Parent Portal usage by parents.

	I08, LAS08, LAS11, TL15, TL16				
2.1.6:	Include links on the district website to local community sites (ie: library, city council and community colleges) in addition to sites that communicate best technology practices.  LEA LRPT Correlates: I08, TL15	State: Revised  Status: In Progress	2011-2012	Webmaster, Technology Director	Links available at district web site.
<b>OBJECTIVE 2.2:</b>					
Improve Chico ISD teachers streamlining of administrative functions.					
<i>Budget Amount \$7,895.00</i> <i>LRPT category: Teaching and Learning</i>					
E-Rate Correlates: ER02 NCLB Correlates: 06, 09, 11					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.1:	Teachers use District Student Management (RSCCC) Program as management tool for multiple functions to include grades, seating, and attendance.  LEA LRPT Correlates: I01, LAS08, TL04, TL08	State: Revised  Status: In Progress	2011-2012	Campus principals, Technology Director	Teachers use daily RSCCC Program for multiple tasks.
2.2.2:	Teachers use production suite software to complete appropriate tasks.  LEA LRPT Correlates: I01, TL08	State: Revised  Status: In Progress	2011-2012	Campus principals, Teachers	Observation
2.2.3:	Continue to require teachers to maintain their Web Pages on district website. Teachers will create and update for communication with parents and community. Placing assignments and lesson plans for student reference.  LEA LRPT Correlates: EP02, EP08, I03, LAS13, TL13, TL15, TL16	State: Revised  Status: In Progress	2011-2012	Technology Director, Campus Principals	Teacher Posted websites that being utilized by parents and students.
2.2.4:	Teachers maintaining their electronic gradebook, of which the grades can be accessed by parents using the parent portal.  LEA LRPT Correlates: I08, TL15, TL16	State: Revised  Status: In Progress	2011-2012	Campus Principals, Technology Director	Increased usage by parents to access student grades using the parent portal.

**GOAL 3: Improve quality of communication to facilitate data-driven decision making processes in the areas of student records (i.e., achievement, attendance, special education, and discipline), community partnerships/parent awareness and involvement, and other support services.**

**OBJECTIVE 3.1:**

100 percent of campuses will utilize technology as a tool to access and maintain student records.

*Budget Amount \$7,895.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01, ER02

NCLB Correlates: 02, 03, 05, 06, 11

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	Continue to support, maintain, and upgrade equipment and software. Use Chico ISD Website Technology Page to facilitate support services.  LEA LRPT Correlates: I01, I05, I07, I08	State: Revised  Status: In Progress	2011-2012	Technology Director	Technology logs, work orders, and district correspondence.
3.1.2:	Develop District Technology Plan. Technology Plan to be included within the District Improvement Plan. District Technology Plan to be referenced in the Campus Improvement Plans.  LEA LRPT Correlates: I03, LAS01, LAS02, LAS03, LAS04, LAS05, LAS07	State: Revised  Status: In Progress	2011-2012	Superintendent, Campus principals, Technology Director	District technology plan
3.1.3:	Continuing utilizing the assigned instructional technologist at each campus to help with minor problem solving.  LEA LRPT Correlates: EP09	State: Revised  Status: In Progress	2011-2012	Technology Director, Campus Principals	Staff resolves minor technology problems.
3.1.4:	Review hardware, software, and technology staff development budget.  LEA LRPT Correlates: I02, I05, I07, LAS02, LAS06, TL13	State: Revised  Status: In Progress	2011-2012	Superintendent, Campus principals, Technology Director	Technology budget
3.1.5:	Utilize administrative productivity software in reporting Piems or other teacher and student data.  LEA LRPT Correlates: EP03, I01, LAS08, LAS14	State: Revised  Status: In Progress	2011-2012	Piems coordinator, Business manager	District personnel utilize productivity software for report.

**OBJECTIVE 3.2:**

Expand community awareness and involvement through technology.

*Budget Amount \$4,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

NCLB Correlates: 09, 10

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Maintain and update Chico ISD Website in a timely manner. Include faculty district supplied e-mail addresses. Also to include the District Improvement Plan and Campus Improvement Plans and other state required information.  LEA LRPT Correlates: I08, LAS09, LAS14	State: Revised  Status: In Progress	2011-2012	Webmaster, Technology Director	Up to date district information accessible at district web site. All State required information posted on the website
3.2.2:	Add links to local community sites (ie: library, city council, and community colleges) in addition to sites that communicate best technology practices.  LEA LRPT Correlates: EP08, I08, TL16	State: Revised  Status: In Progress	2011-2012	Webmaster, Technology Director	Number of Links on District Website
3.2.3:	Implement the addition of services, through the district's libraries and through Distance Learning, to offer language improvement and GED studies to the community.  LEA LRPT Correlates: EP08, I08, LAS09, TL13, TL15	State: Revised  Status: In Progress	2011-2012	Librarian, Technology Director	Report of findings
3.2.4:	Continue using the web based service that allows teachers easy access to create their own web pages for parents to view.  LEA LRPT Correlates: I08, TL15, TL16	State: Revised  Status: In Progress	2011-2012	Technology Director, Instructional Technologist, Campus Principals	Teachers developing their own web pages to show class progress and work

<b>GOAL 4: All students and educators in the district will have a cost-efficient, effective, and safe educational technology infrastructure.</b>					
<b>OBJECTIVE 4.1:</b>					
100 percent of the campuses will have a technology and telecommunications infrastructure that facilitates good communications, instruction, and other services.					
<i>Budget Amount \$44,032.00</i>					
<i>LRPT category: Infrastructure for Technology</i>					
E-Rate Correlates: ER01					
NCLB Correlates: 05, 06, 12					
<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>	
4.1.1: Offer library services from any computer in the district through LAN/WAN (Destiny, AR, Star)  LEA LRPT Correlates: EP08, I01, I02, I07, TL05, TL08, TL09, TL10, TL11	State: Revised  Status: In Progress	2011-2012	Technology Director	Campus wide use of library services from library, classroom and lab computers.	
4.1.2: Evaluate and update servers to meet district needs.  LEA LRPT Correlates: I01, I05, I07, I08	State: Revised  Status: In Progress	2011-2012	Technology Director, Superintendent	Servers meet district needs.	
4.1.3: Continue telecommunications access via the Wireless High Speed 10K connection to the Service center for Internet access and all school are connected via a fiber network. (Speed of the connection can upgraded on an as needed basis.)  LEA LRPT Correlates: EP08, I01, I06, I07, I08, I09, TL08, TL09, TL12, TL13	State: Revised  Status: In Progress	2011-2012	Technology Director	Internet access available throughout district.	
4.1.4: Continue the established five year computer replacement cycle throughout the district.  LEA LRPT Correlates: I07	State: Revised  Status: In Progress	2011-2012	Superintendent, Technology Director	Equipment inventory	
4.1.5: Secure outside grant funding resources to enhance infrastructure.  LEA LRPT Correlates: I02	State: Revised  Status: In Progress	2011-2012	Campus Principals	Funding secured	
4.1.6: Assure that the current bandwidth connection with the Internet provider will handle the Online TAKS testing requirements in multiple labs concurrently.  LEA LRPT Correlates: I01, I05, I06, I08, I09	State: Revised  Status: In Progress	2011-2012	Technology Director	Appropriate bandwidth available for testing with multiple labs.	
4.1.7: Continue using the 10K High Speed Connection. To increase the bandwidth use for Online Testing Requirements for 2011-2012.	State: Revised  Status: In	2011-2012	Technology Director	Contract for 10K High Speed Connection with Service Center, additional costs for Internet Services from	

	LEA LRPT Correlates: EP08, I01, I03, I06, I09	Progress			the Service Center.
4.1.8:	Continue implementing the VoIP telephone communication system through out the district. Each room within CISD will be equipped with a phone.  LEA LRPT Correlates: I01, I08	State: Revised  Status: In Progress	2011-2012	Superintendent, Technology Director	VoIP system used throughout the district during 2011-2012.
4.1.9:	Investigate and implement a secure district wide Wireless Solution for each campus to access the Internet and District LAN with new wireless technologies available.  LEA LRPT Correlates: I01, I03, I05, LAS10	State: Original  Status: Planned	2011-2012	Technology Director, Superintendent	Secure Wireless access

**OBJECTIVE 4.2:**

Maintain 100 percent Internet connectivity from every location in the district.

*Budget Amount \$9,879.80*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01

NCLB Correlates: 03, 07, 08, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.2.1:	Maintain and upgrade network connectivity in every classroom and office for 100 percent connectivity.  LEA LRPT Correlates: I01, I07, TL09	State: Revised  Status: In Progress	2011-2012	Technology Director	Campus wide access to LANs.
4.2.2:	As new PC's are obtained, add additional PC's to the classrooms for student use at all levels.  LEA LRPT Correlates: I01, I04, I07, TL09	State: Revised  Status: In Progress	2011-2012	Technology Director	Additional PC's for student use in the classrooms
4.2.3:	Continue using the 10K High Speed Connection. To increase the bandwidth use for Online Testing Requirements for 2011-2012.  LEA LRPT Correlates: EP08, I01, I06, I09, LAS15	State: Revised  Status: In Progress	2011-2012	Technology Director	Contract for an additional T1 Line with Phone Company, additional costs for Internet Services from the Service Center.

**OBJECTIVE 4.3:**

100 percent of the classrooms be equipped with projectors and other technologies such as, but not limited to, video streaming lessons, interactive white boards and document camera. To be used to engage the students in the learning process.

*Budget Amount \$58,000.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 04a, 05, 07, 08

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.3.1:	100 percent of the classrooms will be	State:	2011-	Superintendent,	Increased teacher usage

	equipped with a projector that is connected to the instructor PC via cables to be used supplement learning and engaging the students to participate through technology using, but not limited to, interactive whiteboards and document cameras.  LEA LRPT Correlates: I01, I05, I09, TL03, TL05, TL12	Revised  Status: In Progress	2012	Technology Director, Campus Principals	of the technology available to them, including, but not limited to, interactive whiteboards and document cameras where available
4.3.2:	Interactive White Board technology will be available in all classrooms that will engage the students in the learning process. Appropriate Staff Development will be offered to teachers to be able to use the interactive whiteboards more effectively in the classroom.  LEA LRPT Correlates: EP03, I05, LAS03, LAS10, TL04, TL13	State: Revised  Status: In Progress	2011-2012	Superintendent, Technology Director, Campus Principals	Usage of Interactive Whiteboards in the lesson plans, students engaged in the learning process, and increased TAKS scores based on learning through technology
4.3.3:	Offer staff development on the usage of new technologies in the classroom. This is to include, but not limited to, Video Streaming, Interactive Whiteboards, Document Cameras, Blogs, Podcasts, Web Page Design and other technologies available.  LEA LRPT Correlates: EP01, EP03, LAS03	State: Revised  Status: In Progress	2011-2012	Technology Director, Campus Technologist	Increased technology usage in the classroom.
<b>OBJECTIVE 4.4:</b>					
The district will continue to work toward optimal user/computer ratio in the district.  <i>Budget Amount \$4,000.00</i> <i>LRPT category: Infrastructure for Technology</i>  E-Rate Correlates: ER01, ER02 NCLB Correlates: 01, 02, 03, 07, 11, 12					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.4.1:	Maintain a student to computer ratio of 4:1 and a student computer lab ratio of 1:1 when appropriate. Provide each professional with a dedicated workstation.  LEA LRPT Correlates: I01, I04	State: Revised  Status: In Progress	2011-2012	Superintendent, Technology Director	Number of computers available to students and staff.
4.4.2:	A High School Lab independent of classroom labs in place and is to be used on an as needed basis for teacher led research and projects. Also to be used for TAKS online testing.  LEA LRPT Correlates: I01, I07, I09, TL09, TL12, TL13	State: Revised  Status: In Progress	2011-2012	High School Principal, Technology Director	Additional lab being used by teachers and online TAKS testing.
4.4.3:	Maintain the Middle School Lab independent of classroom lab to be used on an as needed basis for teacher led research and projects. Also to be used	State: Revised  Status: In	2011-2012	Middle School Principal, Technology Director	Use of the additional Lab



## Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$1,026.00

Method of application for formula funds: Application via a Title II, Part D shared services arrangement or cooperative

<b>Budget year 2011</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$2,592.00	Technology Allotment \$1566.00 Title II - D \$1026
Telecommunications & Internet Access	\$26,831.30	Technology Allotment \$4,019 E-Rate Rebate \$17126.50 Local Funds \$5686.30
Materials & Supplies	\$16,582.00	Title V-A \$1388 Technology Allotment \$3879 Local Funds \$11315
Equipment	\$75,790.00	Technology Allotment \$2000 Local Funds \$81,000
Maintenance	\$7,000.00	Technology Allotment \$2,000 Local Funds \$5,000
Miscellaneous Expenses	\$34,679.00	Local Funds \$34679
<b>Total</b>	<b>\$163,474.30</b>	

## Evaluation

**Evaluation Process:**

Chico ISD actively monitors all technology implementations on all campuses as part of our ongoing evaluation plan. This plan will be revisited and revised annually by the Technology Advisory Committee. The Texas STaR chart is used as a working document for all technological decisions made by the district and as a guide for evaluating the impact of technology on teaching and learning. Professional staff development offerings are determined as a result of collected data. Findings will be communicated and distributed using the annual, district-approved technology plan instrument.

**Evaluation Method:**

The district collects information on an ongoing basis in order to continually improve the learning opportunities for students. The district will monitor indicators such as student reading performance, student projects, student enrollment in technology specific classes, disaggregated TAKS data, and other use statistics. Campus improvement teams will help identify areas which need further attention based on reliability of the infrastructure, the success of the technology in meeting teacher and administrative needs, and the steps that need to be taken to ensure that technology is used to maximize student learning. Staff Development sessions offered by the district will count toward a teacher's CPE hours.

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Chico Independent School District 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.