

# **DUMAS ISD Technology Plan**

**2008 - 2011**

**LARRY APPEL**

**SUPERINTENDENT**

# DISTRICT PROFILE

**ESC Region** 16  
**City, State Zip** DUMAS, TX 790290615  
**Phone** (806) 935-6461  
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**County District Number** 171901

<b>Number of Campuses</b>	7
<b>Total Student Enrollment</b>	4012
<b>District Size</b>	3,000 - 4,999
<b>Percent Econ. Disadvantaged</b>	55.38%

<b>Technology Expenditures</b>	<b>\$2,757,000.00</b>
<b>Technology budgets reported in plan by category</b>	Teaching and Learning Budget \$635,000.00 Educator Preparation and Development Budget \$150,000.00 Leadership, Administration and Support Budget \$374,000.00 Infrastructure for Technology Budget \$1,598,000.00 <b>Total: \$2,757,000.00</b>
<b>Technology Expenditure Per Pupil</b>	\$687.19
<b>Number of Campuses with Direct Connection to Internet</b>	7
<b>Percentage of Campuses with Direct Connection to Internet</b>	100.00%
<b>Number of Classrooms with Direct Connection to Internet</b>	414
<b>Percentage of Classrooms with Direct Connection to Internet</b>	100.00%
<b>Computer/Student Ratio</b>	5 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>	7
<b>Percentage of campuses that have completed the Texas Campus STaR Chart</b>	100.00 %

# Plan Introduction

Plan Last Edited 03/28/2008

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

## Technology Planning Committee

Elizabeth Allen - Cactus Teacher  
Mary Catherall - Morningside Teacher  
Stephanie Schilling - Hillcrest Principal  
Marilyn Ellibee - Hillcrest Technology Assistant  
Cheryl Foard - DHS Teacher  
Brenda Hart - DJHS Librarian  
Greg Lewis - Assistant Superintendent for Business  
Jeff Livingston - Technology Specialist  
Teri Marion - Sunset Technology Assistant  
Karen McDade - DJHS Teacher  
Penny Messick - Green Acres Technology Assistant  
Mike Mueller - Technology Director  
Brad Powell - DHS Teacher

## Executive Summary

Dumas ISD is located in Moore County in the northwest part of the Texas Panhandle. The primary industries of the area are agriculture, meat packing, and oil and gas production. Numerous service companies, retailers, governmental agencies and a hospital and medical staff serve both the communities and industries in the area.

The US Census estimates the 2006 population of Moore County at 20,600. Some interesting facts from the census for Moore County compared to the state include:

- Language, not English, spoken at home - (Moore Co. 40.7%) (Texas 31.2%)
- High school graduates, age 25+ - (Moore Co. 62.1%) (Texas 75.7%)
- Bachelor's degree or higher, age 25+ - (Moore Co. 11.0%) (Texas 23.2%)

Dumas ISD is committed to the education of all the youth of the district. As the census data shows, Dumas ISD has a higher number of students who come to school with limited English skills. The district has implemented many programs to teach these students English and help them be successful in the regular classrooms as they go through school. In coordination with the Dumas Education Foundation and the Moore County Campus of Amarillo College, the district recently implemented the QUEST Program. This program makes sure our graduates can afford to attend the first two years of college. Introduction to the program begins in grade school through eighth grade. In ninth grade students begin participating in the program. The QUEST program along with the district's alternative high school, CHAMPS Academy, and special credit recovery programs at Dumas High School are designed to keep our youth on the graduation track and help more students continue their education beyond high school graduation. Students are using technology in these programs for language development through completing high school course work, and teachers are using technology to stimulate these young minds to achieve higher learning.

Dumas ISD is also making an effort to improve communication with parents by having bilingual translators on every campus. Recently, the administration team of Dumas ISD toured the Swift beef processing plant where many of the parents work. Technology is an important link in communicating with the parents and the public whether through translated documents, email, posters, or web pages.

Amarillo College-Moore County Campus is providing services to those in our community beyond high school age. They have developed programs to meet the needs of those with limited English skills, adult basic literacy programs, job retraining programs, and regular college level plans. A High School Equivalency Program (HEP) is also offered through the college. The HEP program helps migrant and seasonal farmworkers pursue a GED diploma and provide assistance in acquiring a better job or entering college.

These programs and the numerous regular education programs offered in the district and community will help us improve on the English, literacy, and technology skills of our students and citizens, to improve the numbers graduating from high school and provide the foundation and encouragement as graduates set their goals beyond high school graduation.

Given the above information, the technology plan has been prepared to guide Dumas ISD's decisions in the acquisition and use of technology.

Assessments of the current state of technology, a review of the District and campus Improvement Plans, and the STaR Charts survey results were reviewed in the process of developing areas needing improvement.

A summary of the needs which were used to develop the goals, objectives, and strategies of the plan include:

- integrating technology into each classroom, library, and office
- staff development
- communication with parents and others
- access to technology
- replacement of equipment

The plan concludes with budget summaries, evaluation, and appendices.

# Needs Assessment

## Assessment Process:

The technology needs of DUMAS ISD were determined by: the STaR Chart, a survey of technology needs done by the district's staff, a review of technology needs conducted by the district Technology Office, and a review of the District and Campus Improvement Plans and.

## Existing Conditions:

The STaR Chart result for the key areas show the following overall ratings:

- A. Teaching and Learning - Rating: Developing Tech
- B. Educator Preparation and Development – Rating: Developing Tech
- C. Administration and Support Services – Rating: Developing Tech
- D. Infrastructure for Technology – Rating: Advanced Tech

The technology survey indicated the following situations and needs:

- A. Teachers and administrators are involving the use of technology into their classes and schools. Dumas High School has 40 classroom with ceiling mounted projectors, but elsewhere in the district there are a limited amount of computer projectors and Elmo carts to allow teachers to use technology in classroom lessons.
- B. Software is present for staff to perform duties and students to use in math, reading, computer literacy, and high school classes
- C. Some computers, servers, network software, and network equipment need to be updated.
- D. Students have access to technology in computer lab and libraries to both supplement classroom instruction and integrate technology into the curriculum. Dumas High School has four mobile computer labs, however, the other schools have only one mobile computer lab for use in any classroom on the campus.

The Technology Office's review indicated there are over 1500 computers located on the district's seven local area networks. These networks are tied together by a 1 Gbps, leased wide area network. The district has in place 22 servers that perform business tasks, keep student information and health records, house files for teachers and students, present curriculum, process email, and give the district a web presence. A backup strategy is in place locally as well as using space available at Region 16. Internet connectivity is obtained via three T1 lines to Region 16 ESC and made available to all campuses through the district's wide area network.

Other information regarding the current situation of technology at Dumas ISD include:

### District-Wide

- A. A district Technology Office that is staffed by the Technology Director, Technology Specialist, and a Secretary.
- B. Written policies in place on acceptable use of the Internet, World Wide Web content, network management, and equipment donations.
- C. All computers are connected to the district's network.
- D. Each campus library has a networked online card catalog, a mini-lab of 10 computers with internet access, and automated checkout.
- E. Each campus has a full-time technology assistant to aid the staff in technology implementation and training.
- F. A Citrix server has been added to allow for remote connections for teachers to their gradebooks, DISD Police and First Responders to security camera systems, and the Technology staff to access network servers and other resources from outside the district.
- G. Region 16 Education Service Center provides technical support to the Technology staff and for the student management system.
- H. The district works with local staff and Region 16 Education Service Center to provide technology workshops for teachers and staff.

### Dumas High School

- A. A gigabit, fiber backbone connecting the school's 13 IDF's back to the school's MDF and a wireless connection between the main building and the agriculture building.
- B. Four computer labs where technology classes are taught.
- C. Two computer labs available to all areas of the curriculum and four portable wireless computer labs for use in any classroom.
- D. Three computer/projectors carts are available for checkout to teachers.
- E. A mini-lab in the counselor office to help students prepare post high school plans.
- F. One computer lab designed for credit recovery opportunities.
- G. A mini-lab in the Disciplinary AEP room with access to online curriculum.
- H. Forty classrooms with ceiling mounted projectors.
- I. Booster clubs have donated technology tools to campuses from funds they have raised (ex. laptops to athletic and music programs)

### Dumas Junior High School

- A. A gigabit, fiber backbone connecting the school's 4 IDF's back to the school's MDF and a wireless connection between the school and the district's athletic complex.
- B. Two computer labs where technology classes are taught.
- C. One computer lab available to all areas of the curriculum and a portable wireless computer lab for use in any classroom.
- D. Two Elmo/projector carts and two laptop/projector carts are available for checkout.
- E. A mini-lab in the Disciplinary AEP room with access to online curriculum.
- F. A number of classroom with video projectors.
- G. Booster clubs have donated technology tools to campuses from funds they have raised

### Dumas Elementary Campuses (Five Campuses)

- A. A gigabit, fiber backbone connecting each school's IDF's back to the school's MDF.
- B. Each campus has one computer lab available to all classes and a portable wireless computer lab for use in any classroom.
- C. Elmo/projector carts are in use in 4th grade language arts classes
- D. A Laptop/projector cart is available for checkout.
- E. PTA/PTO groups have donated technology tools to campuses from funds they have raised (ex. elmo/projector carts in grade level classrooms)

### Telecommunications Services

Beyond connectivity to the internet which is available at all computers throughout the district, the district has a large investment in telephone

service and equipment. The communication available from both local and long distance service provides an essential service to Dumas ISD and its community.

#### Inventory

The latest inventory of current technology available for student use in Dumas ISD shows the district average is 1 computer for every 5 students. By level the elementary schools average 1 computer for every 7 students, the junior high averages 1 computer for every 4 students, and the high school averages 1 computer for every 3 students.

#### Technology Needs:

STaR Chart identified needs:

- Patterns of Classroom Use
- Professional Development
- Students per Computer
- Distance Learning

The technology survey indicated the following needs:

- A. More access to technology devices for student, teacher, and staff use and classroom, lab and library presentation
- B. Improve communications for all within the district and community
- C. Continuing staff development in use of technology in the classroom with the present software and acquisition of software and training
- D. Software that facilitates instruction in the Technology Applications TEKS and training in all areas of the curriculum
- E. Implementation of technical resources that come with new curriculum adoptions
- F. Software to work with ESL students
- G. Updating hardware for both student, teacher and office locations
- H. Continue to support existing technology devices and acquire more and different technology devices for use in all areas of the district
- I. Maintain and improve the infrastructure that brings technology into the classroom for use by teachers and students

The Technology Office's review indicated the following needs:

- A. A replacement schedule for computers, servers, printers and network devices
- B. Training for the technical staff
- C. Funds to support the hardware, software, operating, and training needs

The District and Campus Improvement Plans indicated the following needs:

- A. Staff development in the area of curriculum alignment with the TEKS.
- B. Addressing needs of individual students and groups of students that perform below the 75% level on state testing.
- C. Staff development opportunities in the area of technology

Possible new 5th and 6th grade campus:

The Board of Trustees has proposed a new 5th and 6th grade campus for the district. A bond issue is on the ballot for voters to decide on May 10, 2008. If it passes then preparation will need to be made with the administration, architects, and WAN vendor for connection of this campus to the district WAN and also LAN infrastructure for the campus.

# Goals, Objectives, and Strategies

<b>GOAL 1: Integrate technology into curricula and instruction and improve the academic achievement of all students</b>					
<b>OBJECTIVE 1.1:</b>					
Increase the impact of technology in the instructional setting					
<i>Budget Amount \$375,000.00</i>					
<i>LRPT category: Teaching and Learning</i>					
E-Rate Correlates: ER01					
NCLB Correlates: 01, 02, 04a, 06, 07, 08, 11, 12					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.1.1:	Teachers integrate technology into student-centered lessons.  LEA LRPT Correlates: EP01, I08, TL01, TL02, TL04, TL05, TL06, TL07, TL09, TL11, TL14	State: Original  Status: Planned	2008-2011	Curriculum Directors, Teachers, Librarians	Curriculum is aligned with TEKS and includes references to technology use and lesson plans
1.1.2:	Teachers create web-based, multimedia lessons and share these lessons with others  LEA LRPT Correlates: TL15, TL16	State: Original  Status: Planned	2008-2011	All staff, Curriculum Directors, Technology Staff	Lesson plans and published lessons
1.1.3:	Teachers regularly implement technology application TEKS into classroom activities using classroom, library, lab, and mobile technology.  LEA LRPT Correlates: EP09, I09, TL05, TL10, TL12	State: Original  Status: Planned	2008-2011	Curriculum Directors, Teachers, Librarians	Lesson Plans
1.1.4:	Teachers monitor student progress toward instructional goals using technology devices.  Comments: AIMSWeb and Edusoft programs  LEA LRPT Correlates: EP03, LAS08, TL07, TL15, TL16	State: Original  Status: Planned	2008-2011	Curriculum Directors and Teachers	Lesson plans
1.1.5:	Teachers will find innovative ways to present lessons using Elmo digital presenters, projectors and online resources, such as, United Streaming.  Comments: Several projectors are available in our classrooms now and more will be coming. The same is true for Elmo presenters. United Streaming is a resource that is available to all teachers in Dumas ISD. With experience teachers will develop new and different uses for these tools which will improve their lessons and student learning.  LEA LRPT Correlates: EP09, I09, TL05, TL10, TL12	State: Original  Status: Planned	2008-2011	Teachers, Librarians, Principals	Lesson plans and walk throughs by principals
1.1.6:	Teachers will integrate the use of laptop computers into lessons to enhance the learning environment and practice real world skills in the classroom.  Comments: This will increase the access by students to the use of technology.  LEA LRPT Correlates: EP09, I09, TL05, TL10, TL12	State: Original  Status: Planned	2008-2011	Teachers and Principals	Lesson Plans, walk throughs by principals, mobile lab records
<b>OBJECTIVE 1.2:</b>					
Provide students with opportunities to master fundamental and advanced technical skills					
<i>Budget Amount \$260,000.00</i>					

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 04a, 06, 07, 08, 09, 10, 11

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.2.1:	<p>Students will complete assignments using technology resources, such as, computers, networks, software, online databases, and problem solving skills.</p> <p>LEA LRPT Correlates: TL01, TL06, TL09, TL10, TL13</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Curriculum Directors, Teachers, Librarians, Technology Assistants	Curriculum updated and lesson plans
1.2.2:	<p>All students will receive computer aided instruction that supports their core academic classwork, appropriate technology application skills practice, problem solving strategies, and research skills that address TEKS based instruction.</p> <p>Comments: Easy Tech, Classworks, Study Island in grades K-8. High School curriculum follows courses at that level. Resources such as United Streaming will also be used.</p> <p>LEA LRPT Correlates: EP02, EP05, I01, TL05, TL06, TL08, TL09</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Classroom teachers, technology assistants, principals	Lesson plans and lab records
1.2.3:	<p>Students will use software to foster growth in reading and language skills in an interactive and engaging setting.</p> <p>LEA LRPT Correlates: LAS02, TL06, TL09</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Curriculum Directors and Teachers	Software added to some stations in computer labs and classroom computers; Lexia Reading, Reading Coach, Rosetta Stone, and Accelerated Reader programs
1.2.4:	<p>Post student work on the district and campus web sites</p> <p>LEA LRPT Correlates: TL01, TL05, TL06, TL07, TL08, TL09, TL13</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Teachers, Technology Assistants, Webmasters	Work is posted
1.2.5:	<p>Credit recovery courses offered at Dumas High School using online curriculum.</p> <p>Comments: Plato lab and Odysseyware</p> <p>LEA LRPT Correlates: LAS10, TL07, TL09</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	High School Counselors, High School Staff	Student Records
1.2.6:	<p>Provide guidance and support to those students that would benefit from a non-traditional educational placement, including alternative high school and GED programs</p> <p>Comments: Dumas ISD participates with area districts in the CHAMPS Academy (an alternative high school). Dumas High School can not offer GED classes, but cooperates with Amarillo College-Moore County Campus for these services and offers students guidance in this area.</p> <p>LEA LRPT Correlates: LAS13, TL02, TL04, TL05</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Curriculum Directors, principals, counselors	District records, student records
1.2.7:	<p>Provide guidance to adults who are seeking to improve their literacy skills by directing them to the Amarillo College-Moore County Campus or another service provider that would best suit their needs.</p> <p>Comments: Dumas ISD provided basic adult literacy classes in the past, but now Amarillo College-Moore County Campus is providing those services along with the many other educational services the college offers.</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Counselors	Materials available AC-MCC, counselor records

LEA LRPT Correlates: LAS13					
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**GOAL 2: To provide staff development to further the effective use of technology in the classroom, office, and the library media center.****OBJECTIVE 2.1:**

Ensure that the staff will meet the SBEC technology proficiencies

*Budget Amount \$150,000.00*

*LRPT category: Educator Preparation and Development*

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 03, 04a, 04b, 06, 07, 08, 11

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.1.1:	<p>Develop a local Technology Proficiency program for all staff</p> <p>Comments: Program to assess technology proficiency, coordinate with staff development offerings, and incentives for completion. Alignment with staff evaluation system.</p> <p>LEA LRPT Correlates: EP03, EP04, EP05, EP09, LAS03, LAS06, LAS10, LAS12</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2009	Assistant Superintendent, Principals, Technology Assistants, Technology Office	Program designed
2.1.2:	<p>Implement a local Technology Proficiency program for all staff</p> <p>Comments: Program to assess technology proficiency, coordinate with staff development offerings, and incentives for completion. Alignment with staff evaluation system.</p> <p>LEA LRPT Correlates: EP03, EP04, EP05, EP09, LAS03, LAS06, LAS10, LAS12</p>	<p>State: Original</p> <p>Status: Planned</p>	2009-2011	Assistant Superintendent, Principals, Technology Assistants, Technology Office	Program in place
2.1.3:	<p>Train teachers in the use of diagnostic tools used to assess student progress.</p> <p>Comments: Edusoft and AIMSWeb programs.</p> <p>LEA LRPT Correlates: EP01, EP03, LAS08, TL01, TL02, TL03, TL04</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Principals and Curriculum Directors	Training session records
2.1.4:	<p>Provide training to assist staff members in integrating technology and TEKS based technology applications into their classroom, office, or library</p> <p>Comments: Provide teachers access and training for Easy Tech, Study Island, Classworks, and United Streaming resources. Provide training in Office applications, use of digital files, and lessons that will add interactive classroom projects.</p> <p>LEA LRPT Correlates: EP01, EP04, EP05, EP09, I06</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Technology Assistants, Trainers, Region 16 ESC	Training classes
2.1.5:	<p>New teacher and refresher orientation to the gradebook, attendance, teacher folder on the network, email, internet use, and web site creation.</p> <p>LEA LRPT Correlates: EP01, EP03, LAS03, LAS06, TL02</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Technology Assistants and Principals	Training agendas and attendance rosters
2.1.6:	<p>Review the use of the portable wireless computer labs, laptop/projector carts, Elmo/projector carts, and other technology resources available to classroom teachers and librarians.</p> <p>LEA LRPT Correlates: EP01, EP07, EP09, I02, I05, I07, LAS07, LAS10, TL06</p>	<p>State: Original</p> <p>Status: Planned</p>	Beginning of each school year	Technology Assistants and Technology Office	Training session agenda and roster
2.1.7:	<p>Provide training to the technology staff</p> <p>LEA LRPT Correlates: EP01, I02, I07</p>	<p>State: Original</p> <p>Status: Planned</p>	2008-2011	Technology Director	Certificates

2.1.8:	Work with each campus to develop and offer technology training.  LEA LRPT Correlates: EP01, EP02, EP05, EP09	State: Original  Status: Planned	2008-2011	Technology Staff, Principals	Training records
2.1.9:	Provide technical support to enhance the use of technology integration into the classroom and library.  Comments: Many teachers and librarians are reluctant to use laptop computers, projectors, Elmo presenters, online resources, and technology enriched lessons fearing that if something goes wrong they will fail. It is understood that the teacher's plate is full as it is, but by using technology to enrich lessons and try new tools in the classroom the teacher will engage the students more in the teaching and learning process. Helping the staff become comfortable will foster changes.  LEA LRPT Correlates: EP05, I01, I07, LAS01, LAS07, TL04, TL05, TL06, TL07, TL09	State: Original  Status: Planned	2008-2011	Technology Assistants and Technology Office	Assistance provided
2.1.10:	Send Technology Office Staff to TCEA Conference  Comments: Conference offers opportunity to learn about the recent updates in technology, hear from leaders in the field, see vendor presentations, learn of new initiatives from TEA, and network with others in the field.  LEA LRPT Correlates: EP03, EP06	State: Original  Status: Planned	2008-2011	Technology Office Staff	Conference Enrollment
2.1.11:	Provide opportunities for teachers and others to attend Technology training sessions at Region 16 ESC.  Comments: Region 16 offers a wide array of technology workshops with even some being offered online. Many of these are in the core curriculum areas.  LEA LRPT Correlates: EP01, EP03, EP06, EP09, TL08	State: Original  Status: Planned	2008-2011	Curriculum Directors, Technology Director, Assistant Superintendent	Workshop Certificates

**GOAL 3: To provide supporting resources, such as services, software, other electronically delivered learning materials, and print resources, that will be acquired to ensure successful and effective uses of technology.**

**OBJECTIVE 3.1:**

To use technology effectively to promote parental involvement and increase communication with parents.

*Budget Amount \$214,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

NCLB Correlates: 05, 06, 09, 10, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	Maintain student accounting software.  LEA LRPT Correlates: I07, I08, I09	State: Original  Status: Planned	2008- 2011	Compliance Director, Technology Director, Principals, Region 16 Staff	System running
3.1.2:	Evening computer lab time where students can invite their parents join them and work together in the educational setting  Comments: Supervised setting with opportunity to practice skills learned in class and do research. This provides access to technology that is not available in a number of homes in our communities. It also provides opportunities for parents with limited literacy skills to practice those skills along with their children in the school setting.  LEA LRPT Correlates: LAS09, TL09, TL12, TL14, TL15	State: Original  Status: Planned	2008- 2011	Principals, Technology Assistants	Lab schedules
3.1.3:	Maintain and improve the district and campus websites  Comments: Offer Netstart training in webpage design, how to display student and teacher projects, adding pictures to show education in action. Keep current.  LEA LRPT Correlates: I05, LAS04, LAS11, TL12, TL16	State: Original  Status: Planned	2008- 2011	Technology Director, Superintendent's Office, Principals, and Webmasters	Website online

**OBJECTIVE 3.2:**

Improve resources available for research

*Budget Amount \$160,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

NCLB Correlates: 02, 03, 06, 07, 08, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	To support online access to databases and research tools for elementary, junior high and high school media centers  Comments: From online databases to streaming video  LEA LRPT Correlates: I05, LAS09, TL09, TL10, TL11, TL13, TL14, TL16	State: Original  Status: Planned	2008- 2011	Librarians	resources available
3.2.2:	Provide training to teachers, students, and parents on the use of online research databases and resources  Comments: Training at our schools  LEA LRPT Correlates: LAS05, TL06, TL09, TL10, TL11, TL12, TL14, TL16	State: Original  Status: Planned	2008- 2011	Librarians, Technology Assistants, Region 16	Training records
3.2.3:	Support collaboration of teachers and librarians to teach students research skills	State: Original	2008- 2011	Librarians, Teachers, Principals, Region 16	Schedules and Projects

	<p>Comments: Offer training in how technology can support current research projects and provide active learning experience for students</p> <p>LEA LRPT Correlates: EP05, EP09, I08, TL10, TL11, TL12</p>	<p>Status: Planned</p>		<p>Staff</p>	
<p>3.2.4:</p>	<p>Support system where campus media center, classroom, and department web pages can be easily created and edited.</p> <p>Comments: Use of the Netstart content management system</p> <p>LEA LRPT Correlates: EP01, I07, LAS04, TL16</p>	<p>State: Original</p> <p>Status: Planned</p>	<p>2008-2011</p>	<p>Technology staff and webmasters</p>	<p>pages posted to webserver</p>

<b>GOAL 4: To ensure that all students and teachers have increased access to technology.</b>				
<b>OBJECTIVE 4.1:</b>				
New systems, support existing systems and provide for upgrade of technology equipment				
<i>Budget Amount \$1,462,000.00</i>				
<i>LRPT category: Infrastructure for Technology</i>				
E-Rate Correlates: ER01				
NCLB Correlates: 03, 05, 06, 12				
<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.1.1: Seek funding from grants, outside agencies, government and local sources to maximize budget funds available for Technology support and improvements.  Comments: Dumas ISD has not received ED Tech funds, but the district does receive other funds such as the TX Technology Allotment, Title II Part D, eRate, grants from the Dumas Education Foundation, donations from PTA/PTO and booster clubs. These funds are combined with the local budget to maximize the ability of the school district to support and improve technology use in the district.  LEA LRPT Correlates: I02, LAS02, LAS04, LAS05, LAS06	State: Original  Status: Planned	2008- 2011	Technology Office, Assistant Superintendent for Business, all staff	Tech Plan in place, applications for funds, improvements made
4.1.2: Replace 1100 classroom, library, lab, and mobile computers  Comments: approximately 375 each year  LEA LRPT Correlates: I04, I07	State: Original  Status: Planned	2008- 2011	Technology Department	Systems Replaced
4.1.3: Replace twelve servers  Comments: approximately 4 per year  LEA LRPT Correlates: I07, I08, LAS03	State: Original  Status: Planned	2008- 2011	Technology Department	Systems replaced
4.1.4: Add bluetooth control pads in 40 rooms at DHS  LEA LRPT Correlates: EP09, I04, TL09	State: Original  Status: Planned	2009- 2010	Technology Department, Vendors	Installed projectors
4.1.5: Add ceiling mounted projectors and bluetooth control pads in 37 classrooms at DJHS  LEA LRPT Correlates: EP09, I04, TL09	State: Original  Status: Planned	2008- 2009	Technology Department, Vendors	Projectors installed
4.1.6: Add laptop/projector carts at elementaries (35), jr. high (1), and high school (3)  LEA LRPT Correlates: EP09, I04, TL09	State: Original  Status: Planned	2008- 2011	Technology Department	Units in place
4.1.7: Support the existing LAN networks at each campus and including the Firewall and Routers at the Technology Office  Comments: The LAN switch equipment at all campuses was upgraded in the summer of 2007. The firewall was new in about 2006 along with the outside router. The inside router is from 1998 and runs fine but is in need of replacement in 2008-2009.  LEA LRPT Correlates: I06, I07	State: Original  Status: Planned	2008- 2011	Technology Office	LANs, Firewall, and Routers up and running
4.1.8: Provide for backups of important data and databases and the restoration of those backups at such time as it may be	State: Original	2008- 2011	Technology Office	System in place and monitored

	needed.  Comments: A hard disk, backup system was put in place in early 2008 with the assistance of Region 16 support staff. In addition to backups kept locally, separate from most servers, backups of student and personnel systems are kept maintained at Region 16 in Amarillo. Backups are run nightly and weekly.  LEA LRPT Correlates: LAS14	Status: Planned			
4.1.9:	Look for opportunities and if possible implement 1-1 computing projects at a grade level or school.  Comments: Work with campuses to establish the plan for one to one computing projects and search for funding options.  LEA LRPT Correlates: I04, TL09	State: Original  Status: Planned	2008- 2011	Technology Office	Participation in grant workshops, implementation of program

**OBJECTIVE 4.2:**

Support telecommunications and distance learning systems

*Budget Amount \$136,000.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01

NCLB Correlates: 03, 06, 08, 09, 10, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.1:	Study adding a video conference center for the Dumas Schools and, if feasible provide for the service.  LEA LRPT Correlates: EP01, EP08, EP09, I03, LAS04, LAS06, LAS15	State: Original  Status: Planned	2008- 2010	Curriculum Directors, Technology Director and Superintendent's Office	Study Report
4.2.2:	Add wireless networking to DHS and DJHS  LEA LRPT Correlates: I02, I03, I04, I05	State: Original  Status: Planned	2008- 2011	Technology Office, principals	Wireless networks installed
4.2.3:	Support existing telecommunications systems  Comments: local phone service and long distance  LEA LRPT Correlates: I01, I07, I08, TL15	State: Original  Status: In Progress	2008- 2011	Assistant Superintendent for Business	Services in place
4.2.4:	Expand existing internet connection to 12Mbps  Comments: connection to region 16, erate funding  LEA LRPT Correlates: I06, LAS04	State: Original  Status: Planned	2008- 2009	Technology Director	12Mbps connection installed
4.2.5:	Plan for possible 5th/6th campus and if built support new WAN access for campus and LAN infrastructure in school  Comments: new campus in bond issue for May 10, 2008 vote  LEA LRPT Correlates: I03, I05, I06, LAS04, LAS05	State: Original  Status: Planned	2008- 2011	Superintendent, Assistant Supt for Business, Tech. Dir., Architects, Windstream Communications	WAN access and MDF/IDFs in place

# Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$9,473.00

Method of application for formula funds: Local Application

<b>Budget year 2008</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$50,000.00	4% Title II-D Funds 96% Local Funds
Telecommunications & Internet Access	\$104,000.00	32% Technology Allotment 68% eRate
Materials & Supplies	\$100,000.00	30% Technology Allotment 5% Title II-D Funds 65% Local Funds
Equipment	\$500,000.00	100% Local Funds
Maintenance	\$130,000.00	25% Technology Allotment 75% Local Funds
Miscellaneous Expenses	\$35,000.00	43% Technology Allotment 57% Local Funds
Total	\$919,000.00	

<b>Budget year 2009</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$50,000.00	4% Title II-D Funds 96% Local Funds
Telecommunications & Internet Access	\$104,000.00	32% Technology Allotment 68% eRate
Materials & Supplies	\$100,000.00	30% Technology Allotment 5% Title II-D Funds 65% Local Funds
Equipment	\$500,000.00	100% Local Funds
Maintenance	\$130,000.00	25% Technology Allotment 75% Local Funds
Miscellaneous Expenses	\$35,000.00	43% Technology Allotment 57% Local Funds
Total	\$919,000.00	

<b>Budget year 2010</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$50,000.00	4% Title II-D Funds 96% Local Funds
Telecommunications & Internet Access	\$104,000.00	32% Technology Allotment 68% eRate
Materials & Supplies	\$100,000.00	30% Technology Allotment 5% Title II-D Funds 65% Local Funds
Equipment	\$500,000.00	100% Local Funds
Maintenance	\$130,000.00	25% Technology Allotment 75% Local Funds

Miscellaneous Expenses	\$35,000.00	43% Technology Allotment 57% Local Funds
Total	\$919,000.00	

# Evaluation

**Evaluation Process:**

The Technology Committee will meet twice yearly (mid-year and end of year) to evaluate the plan to ensure that timelines and emerging needs are met. A report will be given to the Superintendent and the Board of Trustees after each evaluation.

**Evaluation Method:**

Texas STaR Chart results for each campus will be used to help assess progress made toward meeting the goals of the Long Range Plan for Technology. Campus staff will complete this online assessment each year using the following criteria: classroom observations of technology use, review of lesson plans for technology integration, sample student work, computer lab or mobile lab sign-up sheets, and other surveys of technology use correlated to the STaR chart. The campus assessment results will be entered into the online STaR system by the principal and be used by the district in evaluating future technology needs in the areas of instruction, staff development, administration, and infrastructure.

Purchase orders and financial data will be used to document funds expended for technology. Technology inventories will be used to document the acquisition of new, emerging technologies and the effort toward attaining equipment as outlined in the plan.

# Appendix

**Attachment item A:**

Dumas ISD Website

- Web site: <http://www.dumas-k12.net/>

**Attachment item B:**

Dumas ISD Technology Plan

- PDF file:  <http://www.dumas-k12.net/docs/3-techplan.pdf>

**Attachment item C:**

Dumas ISD Acceptable Use Policy

- PDF file:  <http://www.dumas-k12.net/docs/3-aup.pdf>

**Attachment item D:**

Dumas ISD District and Campus Improvement Plans

- Web site: <http://www.dumas-k12.net/default.aspx?name=iPlans>

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DUMAS 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.



# Texas Education Agency

## 2008 Technology Plan Approval Certificate

The Texas Education Agency is certified by the Schools and Libraries Division (SLD) to approve technology plans for participation in the Schools and Libraries Universal Service Program.

DUMAS ISD (171901)

has a technology plan that has met the standards and criteria outlined by the SLD. This approval is effective for 3 years.

This plan was approved on April 16, 2008.

A handwritten signature in blue ink, appearing to read "Anita Givens".

Anita Givens  
Deputy Associate Commissioner  
Standards and Alignment

