

# GREGORY-PORTLAND ISD

## Technology Plan

2010 - 2013

**Paul CLORE**

SUPERINTENDENT

### DISTRICT PROFILE

ESC Region	2
City, State Zip	Portland, TX 78374
Phone	(361) 777-1091
Fax	(361) 777-1093
County District Number	205902

Number of Campuses	7
Total Student Enrollment	4335
District Size	3,000 - 4,999
Percent Econ. Disadvantaged	36.68%

<b>Technology Expenditures</b>		\$6,736,120.00
<b>Technology budgets reported in plan by category</b>	Teaching and Learning Budget	\$2,198,605.00
	Educator Preparation and Development Budget	\$236,000.00
	Leadership, Administration and Support Budget	\$149,600.00
	Infrastructure for Technology Budget	\$4,151,915.00
	<b>Total:</b>	<b>\$6,736,120.00</b>
<b>Technology Expenditure Per Pupil</b>	\$1,553.89	
<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>	340	
<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** 11/19/2009

<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

### **Technology Planning Committee**

Judi Charlton, Michelle Costilla, Jennifer Fish, Tina Garza, Andrew Guerra, Kari Mires, Terri Rush

## Executive Summary

Gregory-Portland Independent School District (GPISD) has prepared this Technology Plan to articulate a common vision for technology in the district and to identify the strategies that ensure the use of technology to improve the academic achievement of all students, to provide alternative instructional strategies for engaging all types of learners, to provide enhanced resources, and to assist students in the development of higher level skills in technology, research, critical thinking, and communication. The district strives to provide the rigorous curriculum standards essential for academic and workplace success, and to build the capacity of all teachers to integrate technology effectively into teaching and learning.

It is the responsibility of GPISD to identify technology needs and to provide and support the faculty, staff, and students in the effective and efficient use of technology.

### Vision Statement

The vision of Gregory-Portland Independent School District (GPISD) for technology application and integration is to ensure that all GPISD community members, (students, faculty, administrators, support staff, parents and community), have access to an environment that is rich in technology that enhances and strengthens basic skills, creativity, problem-solving abilities, and career skills. GPISD strives to create a dynamic learning environment by setting high standards that support the necessary technology literacy needed to succeed in school, in addition to the skills needed to succeed in an ever changing technology-rich world. In all aspects of its operations, district ancillary services embrace technology, consistently staying abreast of relevant innovations. Support of technology throughout GPISD is constant, current, and comprehensive.

### Ideal Classroom/Campus Descriptor

Technology from the academic environment is seamlessly integrated into the everyday lives of GPISD community members. Classrooms are equipped with state of the art technology that enhances teaching and learning in all curricular areas, as well as encouraging communication and general productivity.

Each classroom has a permanently mounted LCD projector with a screen (for teacher instruction as well as virtual lessons) connected to a computer with a DVD/CD player and cable TV capabilities, a document camera, and access to a printer/scanner/copier and student responders for teacher and student use. These items are located on a mobile multi-media teacher workstation. In addition, the classroom is equipped with a digital camera, a camcorder, sound

system, and wireless networking.

To facilitate contact with parents, the front office, and security, personnel, a telephone with voicemail capability is provided to each teacher. In addition, the classroom is equipped with a five computer workstation for student use.

Distance learning equipment and opportunities are located on every campus. In addition, teachers on each campus have access to an interactive white board, miniature microphones for voice amplification, and two mobile computer carts equipped with 25 laptops.

At least two general computer labs are located on each campus. One of these labs is situated in or adjacent to the library. These labs consist of thirty two computers.

All teachers enhance home/school communication through a class website that is updated weekly.

Every elementary school student will receive technology instruction on a weekly basis.

As much as possible, equipment throughout the district such as copiers are standardized and purchased/contracted in bulk to maximize initial cost savings. This practice supports cost savings in purchase of supplies and in the provision of maintenance.

#### Ideal Support Activities Descriptor

Every GPISD campus has a Campus Instructional Technologist and a certified Librarian to assist classroom teachers in integrating technology into instruction. These highly qualified, well-trained individuals provide support in technology to students and staff by serving as mentors and providers of professional development, modeling technology intensive lessons, recommending content-related Internet sites, determining technology applications that can serve as tools to reinforce learning, and assisting in the integration of TEKS into grade level curriculum.

With appropriate staff development, teachers are able to fully utilize their technology rich classrooms. Elementary students will receive weekly technology instruction. Secondary students will receive technology instruction based on campus objectives. Every employee with contact or potential contact with any district technology program or equipment, must annually participate in a mandatory assessment process. This assessment process is comprehensive and addresses initial through master levels of computer literacy as well as new literacy requirements based on the individual's current level of computer literacy. A variety of professional development opportunities are provided to ensure that every employee has an opportunity to address any needs identified in the assessment process. Employees who are new to the district receive standard comprehensive training on programs and/or equipment utilized by the district.

Sustaining an infrastructure that is viable, fast, effective, reliable, and efficient is a priority of the district. To do so the district maintains a plan for periodic updating of the infrastructure including workstations and network components. The plan also addresses emerging technologies, disaster recovery, security issues. Continuous training for technical staff is imperative for successful integration of technology.

#### Ideal Para-Professional and Auxillary Services Descriptor

Para-Professional and Auxillary services are an important aspect of GPISD. Para-Professional and Auxillary departments utilize and expand their repertoire of technological-based processes and services to enhance their departmental functions. Examples include the ability for parents to pay for their students' cafeteria meals online and for the maintenance and technology departments to utilize an online work order system.

As the district increases its data-driven decision-making, the quality of data and the analyzing and reporting capabilities must match the level of sophistication of the organization. District software packages for student and financial information are routinely evaluated for appropriate usage and potential expansion or upgrade.

#### Ideal Security Descriptor

Technology is an important aspect of insuring the highest levels of safety for students and district personnel. Every campus is equipped with external door monitors and cameras for enhanced facility security. Security of computers and the district network is maintained with filters and firewalls that reflect the most current technology available. All personnel are trained as needed on security policies and practices.

#### Closing Statement

This innovative technology plan benefits students, faculty, administrators, ancillary staff, parents and community members. Even though the plan reflects a three-year time period, it is designed with the understanding that it will be routinely monitored, evaluated, and adjusted as integral components of the planning process and of the plan

document itself. Staying current with technological advancements ensure that Gregory-Portland Independent School District is able to remain ahead of the educational curve.

## Needs Assessment

### Assessment Process:

The technology committee consisted of campus and district representatives . Preparation of this plan began with a study by the committee of technology in education and in school district operations. Committee members did independent study of information shared at the first meeting as well as researching additional information. During the on-site meetings, the committee used tools such as brainstorming, the Texas Star Chart, and the Texas long term technology plan to help assess the needs of the district. Between meetings, information was shared via a committee website.

Utilizing the understandings gained from this study, the committee developed a vision statement and descriptor statements to describe what certain aspects of the district technology would look like. As a final product, a new technology plan was developed utilizing the vision statement and the descriptor statements and building on the prior plan

### Existing Conditions:

The district has a total of seven campuses. Campuses are connected by wireless high bandwidth leased lines for intranet and internet connectivity. The elementary campuses have a least three network connections in all classrooms and the secondary campuses have at least 5 network connections in all classrooms. All Gregory-Portland schools have converted to Voice over IP. The district has two distance learning labs and a media retrieval system. The district has over 2,300 computers of which 20% are outdated. As more technology has become available teacher training in technology is a big concern.

### Technology Needs:

In order to standardize the implementation of technology throughout district operations, it is the committee's assessment that GPISD will need to - purchase additional computers to reach the desired student to computer ratio and to replace older obsolete computers, - purchase additional media retrieval systems to help teachers with media content into the classroom, - continue to lease telecommunication lines for connectivity and to open the lines of communication with the public, - increase staff development to help teachers integrate technology into the classroom, - purchase multimedia equipment to help teachers integrate technology into the classroom, - purchase additional distance learning equipment to increase the use of distance learning opportunities for students, and - purchase/maintain network equipment in order to keep the campuses linked for connectivity.

## Goals, Objectives, and Strategies

**GOAL 1: Student achievement will improve through the effective use of technology in all content areas at all grade levels incorporating strategies that address diverse learning needs.**

### OBJECTIVE 1.1:

All students will actively engage, master, and apply the requisite technology knowledge and skills through interdisciplinary, technology-rich learning activities in all content areas.

*Budget Amount \$103,000.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 04a, 07, 08

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.1.1: K-8 students will regularly participate in computer instruction to ensure mastery of grade level technology application TEKS.	State: Original	2010-2013	Teachers, Campus Administrators	Lesson Plans, Student Created and Teacher Evaluated Products, Student Portfolios,

	LEA LRPT Correlates: TL01, TL03, TL06, TL08, TL09, TL12, TL13, TL14	Status: Planned			PDAS, Classroom Observations
1.1.2:	All students will actively engage in technology rich learning activities such as content-based, multimedia rich, online learning activities that may include interactive web sites, virtual environments, and other instructionally appropriate genres on a regular basis.  Comments: \$3,000 per campus per year - Total - \$21,000 per year  LEA LRPT Correlates: LAS15, TL01, TL02, TL03, TL05, TL08, TL09, TL12, TL13, TL14	State: Original  Status: Planned	2010-2013	Teachers, Campus Administrators	Lesson Plans, Student Created and Teacher Evaluated Products, Student Portfolios, PDAS, Classroom Observations
1.1.3:	Students will utilize and apply a variety of multimedia rich programs, websites, and other technologies for enhancing content area knowledge in all subjects.  Comments: No additional cost  LEA LRPT Correlates: EP08, TL01, TL02, TL03, TL05, TL08, TL09, TL10, TL11, TL12	State: Original  Status: Planned	2010-2013	Teachers, Campus Administrators	Lesson Plans, Student Created and Teacher Evaluated Products, Software Generated Reports, PDAS, and Classroom Observations
1.1.4:	The District will provide opportunities for students to engage in online and/or distance learning for courses that are unavailable locally.  Comments: \$4,000 per year  LEA LRPT Correlates: I05, I09, LAS15, TL08, TL09, TL13, TL14, TL15	State: Original  Status: Planned	2010-2013	Counselors and Campus Administrators	Course Selection Sheets, Master Schedule, Course Enrollment Records and Credits
1.1.5:	The district will develop and implement a vertically aligned course sequence for grades 7-12 Technology Application Courses to ensure that all students acquire advanced technology competencies prior to graduation  Comments: 100 hours with 6 people  LEA LRPT Correlates: LAS01, LAS02, TL01, TL02, TL03, TL06, TL08	State: Original  Status: Planned	2010-2013	Curriculum Director and Campus Administrators Evidence:	Course Selection Guides and Master Schedules
1.1.6:	A variety of advanced technology courses will be offered at the High School	State: Original	2010-2013	High School Administrators and Counselors	Course Selection Sheets, Class Rosters, Master Schedule

	LEA LRPT Correlates: LAS10, TL02, TL03, TL05, TL08, TL12, TL13, TL14	Status: Planned			
<b>OBJECTIVE 1.2:</b>					
Students will utilize online or computer generated assessments that include instant feedback, instant reporting, and are available both on and off campus.					
<i>Budget Amount \$180,000.00</i>					
<i>LRPT category: Teaching and Learning</i>					
E-Rate Correlates: ER01					
NCLB Correlates: 01, 02, 03, 04a, 07, 11, 12					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.2.1:	Students will utilize TEKS based testing software.  LEA LRPT Correlates: LAS08, TL01, TL02, TL03, TL04, TL06, TL07	State: Original  Status: Planned	2010-2013	Teacher, Principal	Lesson Plans, Software Generated Reports, Grade Book
1.2.2:	Correlated Computer Assisted Instructional (CAI) programs that include diagnostic assessment and acceleration tools will be utilized to enhance student performance.  Comments: \$60,000 per year - Total \$180,000  LEA LRPT Correlates: LAS01, LAS05, TL04, TL05, TL06, TL07, TL13	State: Original  Status: Planned	2010-2013	Principal and Counselors	Software Generated Reports
1.2.3:	All students with an identified need will have the opportunity to use CAI (Computer Assisted Instruction) for remediation and/or credit recovery.  Comments: Same cost for strategy 1.2.2  LEA LRPT Correlates: TL04, TL05, TL07, TL13	State: Original  Status: Planned	2010-2013	High School Principal and Counselors	Failure Report, Attendance Records, Class Roster, Student Schedule and Software Generated Report

**GOAL 2: All educational certified personnel will demonstrate computer literacy and will use technology proficiently in the learning environment.**

**OBJECTIVE 2.1:**

The District will conduct and analyze basic and new technology proficiency needs assessments for all educational certified staff.

*Budget Amount \$35,000.00*

*LRPT category: Educator Preparation and Development*

E-Rate Correlates: ER02

NCLB Correlates: 01, 02, 04b

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.1.1:	<p>Research and select an assessment tool that measures the desired basic proficiency and provides information for use in identifying training needs.</p> <p>LEA LRPT Correlates: EP03, EP04, EP05, EP06, LAS03, LAS10</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2013	District Technology Committee	The instrument(s)
2.1.2:	<p>New employees will take a basic proficiency assessment before being hired.</p> <p>LEA LRPT Correlates:</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2013	Human Resource Director, Campus Administrators	The assessment results
2.1.3:	<p>Strategy 2.1.2: All educational certified personnel will complete the selected basic proficiency assessment.</p> <p>LEA LRPT Correlates: EP03, EP04, EP05, EP06, EP08, LAS03, LAS10</p>	<p>State: Original</p> <p>Status: Planned</p>	Yearly by the end of August staff development	Technology Director, Campus Administrators	The assessment results
2.1.4:	<p>Strategy 2.1.4: Annually identify an assessment tool that measures any desired new technology proficiencies to provide information for use in identifying training needs.</p> <p>LEA LRPT Correlates: EP03, EP04, EP05, LAS03, LAS10</p>	<p>State: Original</p> <p>Status: Planned</p>	June of each year	District Technology Committee	The instrument(s)
2.1.5:	<p>As needed, all educational certified personnel will complete the assessment for new technology proficiencies.</p> <p>LEA LRPT Correlates: EP04, EP05, LAS03, LAS10</p>	<p>State: Original</p> <p>Status: Planned</p>	Yearly by the end of August staff development	Technology Director, Campus Administrators	The assessment results
2.1.6:	<p>Strategy 2.1.3: Analyze results of the basic proficiency assessment to determine individual and aggregate professional development needs.</p> <p>LEA LRPT Correlates: EP03, EP04, EP05, EP06, EP08, EP09, LAS03, LAS10</p>	<p>State: Original</p> <p>Status: Planned</p>	September 1 of each year	District Technology Committee, Campus Administrators	The assessment results
2.1.7:	<p>Strategy 2.1.6: Analyze results of the proficiency assessment to determine individual and aggregate professional development needs relative to the new technology proficiencies.</p> <p>LEA LRPT Correlates: EP04, EP05,</p>	<p>State: Original</p> <p>Status: Planned</p>	September 1 of each year	District Technology Committee, Campus Administrators	The assessment results

	LAS03, LAS10				
<p><b>OBJECTIVE 2.2:</b> Based on the results of the annual technology proficiency assessment, the District will provide ongoing professional development that focuses primarily on topics such as curriculum integration, instructional practices, and computer literacy as defined by the Technology Application TEKS.</p> <p><i>Budget Amount \$201,000.00</i> <i>LRPT category: Educator Preparation and Development</i></p> <p>E-Rate Correlates: ER02 NCLB Correlates: 01, 02, 03, 04a, 04b, 07, 08, 11</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.1:	<p>The District will ensure that an annual professional development plan for addressing needs identified in each individual's proficiency assessment is developed with and completed by each staff member.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, LAS03, LAS10</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2013	Campus Administrators, District Administrators	Certificates, Reports
2.2.2:	<p>The District will offer a variety of training opportunities during the school year outside of instructional time. These will meet the identified needs and may include, but are not limited to the ESC-2, CAI (Computer Assisted Instruction), in-house training, and online training.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP07, EP08, EP09, LAS06, LAS10</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2013	Curriculum Director, Technology Director	Licenses, Certificates, Reports
2.2.3:	<p>Strategy 2.2.3: The District will require successful completion of technology training sessions based on individual proficiency assessment(s).</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP08, EP09, LAS10</p>	<p>State: Original</p> <p>Status: Planned</p>	Each School Year. 2010-2013	Curriculum Director, Campus Administrators, and District Administrators	Certificates, Staff Development Records, Proficiency Tests
2.2.4:	<p>Strategy 2.2.4: The District will develop a technology incentive program for educational certified personnel who achieve an advanced level of proficiency.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP07, LAS10</p>	<p>State: Original</p> <p>Status: Planned</p>	Yearly	District Administrators	Certificates, Staff Development Records, Proficiency Tests Records
2.2.5:	<p>The District will provide incentives to educational certified personnel who achieved advanced proficiency</p>	<p>State: Original</p>	2010-2013	District Administrators	Certificates, Staff Development Records,

	(equipment and/or stipends).  LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP08, LAS10	Status: Planned			Proficiency Tests
2.2.6:	The District Technology Committee will be given the opportunity to attend the TCEA and other technology conferences each year.  Comments: Conference is usually in Feb. There are 16 current members, TCEA membership cost \$125 per member, per year, Hotel Cost \$85.00 for two members per day for 3 days, mileage of \$164.00 per vehicle (# of vehicles) per year, per diem 16 members \$114 per year  LEA LRPT Correlates: EP01, EP02, EP03, EP06, LAS10	State: Original  Status: Planned	Yearly	Technology Director and Campus Administrators	Conference Registration

**OBJECTIVE 2.3:**

Evidence of the integration of various technologies into the curriculum and in other educational uses will be shown by all teachers.

*Budget Amount \$0.00*

*LRPT category: Educator Preparation and Development*

E-Rate Correlates: ER01

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

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.3.1:	Teachers will provide samples of student projects that integrate technology  LEA LRPT Correlates: LAS12, TL01, TL02, TL05, TL12	State: Original  Status: Planned	Yearly on an ongoing basis. 2010-2013	Teachers and Campus Administrators	Student product, lesson plans, walkthroughs, and observations
2.3.2:	Teachers will provide samples of how they have utilized technology in the delivery of instruction and in other educational uses.  LEA LRPT Correlates: LAS10, LAS12, TL01, TL02, TL03	State: Original  Status: Planned	2010-2013	Teachers and Campus Administrators	Lesson plans, instructional materials, walk-through, and observations

**GOAL 3: All para-professional and auxiliary staff will demonstrate an appropriate level of technology proficiency needed for the performance of their assigned duties.**

**OBJECTIVE 3.1:**

All para-professional and auxiliary staff members will receive technology training based on their assigned duties and needs.

Budget Amount \$0.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02

NCLB Correlates: 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1: Review para-professional and auxiliary job descriptions and update as needed to include technology skills required for job performance.  LEA LRPT Correlates:	State: Original  Status: Planned	Yearly	Assistant Superintendent	Updated job descriptions
3.1.2: Evaluate job specific technology skills of support staff.  LEA LRPT Correlates:	State: Original  Status: Planned	2010-2013	District and Campus Administrators	Survey/Interviews
3.1.3: The district will ensure the provision of technology assessment and training as individually needed for ancillary staff.  LEA LRPT Correlates:	State: Original  Status: Planned	Ongoing	District and Campus Administrators	Sign In Sheets and Certificates of Completion

**OBJECTIVE 3.2:**

The annual evaluation of para-professional and auxiliary staff will include the application of job specific technology skills.

Budget Amount \$0.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER02

NCLB Correlates: 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1: Review evaluation instruments and update as needed for each ancillary job assignment.  LEA LRPT Correlates:	State: Original  Status: Planned	2010-2013	Assistant Superintendent	Evaluation instruments are updated
3.2.2: Support staff will complete a technology proficiency assessment as needed.  LEA LRPT Correlates:	State: Original  Status: Planned	2010-2013	Technology Director, Curriculum Director, District and Campus Administrators	Completed proficiency assessments

**GOAL 4: All staff and students will have access to current technology resources to improve instruction, student learning, district operations and campus and district administration.**

**OBJECTIVE 4.1:**

The district will upgrade and maintain network infrastructure.

Budget Amount \$948,000.00  
 LRPT category: Infrastructure for Technology

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

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.1.1: The District will purchase 2 replacement routers during the three years of this plan.  Comments: Each router will cost \$5,000, one router first year, 2 router each additional year  LEA LRPT Correlates: I01	State: Original  Status: Completed	2010-2013	Technology Director	Purchase Orders, Inventory
4.1.2: The District will purchase 3 replacement core switches during the three years of this plan.  Comments: Each Core Switch is approximately \$50,000, district will purchase 1 each year of the plan.  LEA LRPT Correlates: I01	State: Original  Status: In Progress	2010-2013	Technology Director	Purchase Orders, Inventory
4.1.3: The District will purchase 8 replacement IDF switches during the three years of this plan.  Comments: Each switch costs about \$5,000. District will purchase 2 the first year, 3 the second year, and 3 last year.  LEA LRPT Correlates: I01	State: Original  Status: Planned	2010-2013	Technology Director	Purchase Orders, Inventory
4.1.4: The District will purchase 6 replacement servers during the three years of this plan.  Comments: Servers cost about \$5,000. We will purchase 2 each year.  LEA LRPT Correlates: I01	State: Original  Status: Planned	2010-2013	Technology Director	Purchase Orders, Inventory
4.1.5: The District will increase drop density in all classrooms to a minimum of 6 per classroom (including one per teacher).  Comments: Quickest way to figure this is count number of teachers at SFA, EC, WCA and multiply by 3. These campuses have three drops in	State: Original  Status: Planned	2010-2013	Technology Director	Purchase Orders, Inventory

	each classroom. TMC, Int, JH, and HS have 5 drops. We will need to add 1 for every teacher on these campuses. The cost is about \$150.00 per drop.  LEA LRPT Correlates: I01, I05, I06, I07				
4.1.6:	The District will maintain an adequate service for optimum Internet connectivity.  Comments: We currently have a total of 9 T1 lines. Each T1 lines cost \$480 per month. (9X12 mos X 9 T1 lines = \$51,840.00 per year.  LEA LRPT Correlates: I01, I05, I06	State: Original  Status: Planned	2010-2013	Technology Director	Monthly Telecom Bills, user satisfaction, usage reports
4.1.7:	The District will maintain Internet connectivity via selected ISPs.  Comments: 30,000 per year  LEA LRPT Correlates: I01, I05, I06, I07, I09	State: Original  Status: Planned	2010-2013	Technology Director	Monthly/Annual Bill, user satisfaction, usage reports
4.1.8:	The District will provide wireless access for each classroom.  Comments: Count total teachers and multiply by \$300.00. One time fee. We can break this out over 3 years.  LEA LRPT Correlates: I01, I02, I05, I06, I07, I09, TL01	State: Original  Status: Planned	2010-2013	Technology Director	Purchase Order, Inventory
4.1.9:	The District will provide electrical upgrades in close proximity to computer equipment to support campus technology infrastructure.  LEA LRPT Correlates: I01, I07	State: Original  Status: Planned	2010-2013	Maintenance	Purchase orders, installed electrical

**OBJECTIVE 4.2:**

The District will purchase additional hardware resources to support instruction and administrative functions.

*Budget Amount \$2,795,375.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01

NCLB Correlates: 03, 05, 07, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.1:	The Technology Director will implement a plan that includes current inventory and a replacement schedule to achieve the district	State: Original	2010-2013	Technology Director, Campus Administrators	Purchase orders, Inventory

	technology vision.  LEA LRPT Correlates: I01, I04, I05, I06, I07, I09	Status: Planned			
4.2.2:	The District will purchase 14 (2 per campus) portable computer labs.  Comments: Cost of computer labs will be about \$35,000. We will break this out over three years.  LEA LRPT Correlates: I09	State: Original  Status: Planned	2010-2013	Technology Director, Campus Administrators	Purchase orders, Inventory
4.2.3:	The District will maintain 2 general computer labs per campus with at least one of these labs adjacent to or in the campus library.  LEA LRPT Correlates: I01, I09	State: Original  Status: Planned	2010-2013	Technology Director, Campus Administrators	Purchase orders, Inventory
4.2.4:	The District will provide staff access to multi-page scanners.  LEA LRPT Correlates: I01, I09	State: Original  Status: Planned	2010-2013	Technology Director, Campus Administrators	Purchase orders, Inventory
4.2.5:	The District will purchase and install a ceiling mounted projector and screen per classroom.  LEA LRPT Correlates: I01, I09	State: Original  Status: Planned	2010-2013	Technology Director, Campus Administrators	Purchase orders, Inventory
4.2.6:	The District will purchase 1 digital still camera with video capabilities per classroom.  LEA LRPT Correlates: I01, I09	State: Original  Status: Planned	2010-2013	Technology Director, Campus Administrators	Purchase orders, Inventory
4.2.7:	The District will purchase 8 age appropriate mobile labs, 2 per elementary campus for use in Kindergarten, first, and second grade.  LEA LRPT Correlates: EP01, I01, I09, TL01	State: Original  Status: Planned	2010-2013	Technology Director, Campus Administrators	Purchase orders, Inventory
4.2.8:	The District will purchase 1 document camera per classroom.  LEA LRPT Correlates: I01, I05, I09, TL09	State: Original  Status: Planned	2010-2013	Technology Director, Campus Administrators	Purchase Orders, Inventory
4.2.9:	The District will purchase a mobile teacher cart to contain items purchased in other strategies for each classroom.  LEA LRPT Correlates: I01, I09	State: Original  Status: Planned	2010-2013	Technology Director, Campus Administrators	Purchase order, inventory
4.2.10:	The District will purchase multimedia speakers for each classroom.	State: Original	2010-2013	Technology Director, Curriculum	Purchase Orders

	LEA LRPT Correlates: I01, I09	Status: Planned		Director, Campus Administrators	
4.2.11:	The District will purchase 5 interactive whiteboards or tablets for each campus.  LEA LRPT Correlates: I01, I09, TL01, TL10	State: Original  Status: Planned	2010-2013	Technology Director, Curriculum Director, Campus Administrators	Purchase Orders
4.2.12:	The District will purchase 2 wireless microphones for each campus.  LEA LRPT Correlates: I01, I09, TL09	State: Original  Status: Planned	2010-2013	Technology Director, Curriculum Director, Campus Administrators	Purchase orders
4.2.13:	The District will purchase a telephone for each classroom with voicemail.  Comments: \$250.00 per number of teachers.  LEA LRPT Correlates: LAS09, LAS13	State: Original  Status: Planned	2010-2013	Technology Director, Campus Administrator	Purchase orders, inventory
4.2.14:	The District will purchase a class set of student responders per campus.  LEA LRPT Correlates: I01, I09	State: Original  Status: Planned	2011	Technology Director, Campus Administrator	Purchase Orders, Inventory
4.2.15:	The District Technology Committee will complete a study and provide a recommendation to the Superintendent in regard to standardization of printers and copiers and bulk lease or purchase of these items for the district including allocation of printer/copiers  Comments: Study Report with recommendation.  LEA LRPT Correlates:	State: Original  Status: Planned	2010-2013	District Technology Committee	Technology Committee, Technology Director, Curriculum Director
4.2.16:	The District will provide the distance learning equipment and support needed for each campus to participate in activities such as virtual fieldtrips, distance learning courses and other distance learning experiences.  Comments: Distance learning lab equipment will cost about \$6,000. We will need to purchase at least one per campus.  LEA LRPT Correlates: I01, I02, I03, I06, I09, LAS15, TL01, TL08, TL12	State: Original  Status: Planned	2010-2013	Technology Director and District and Campus Administrators	Course Selection Sheets, Master Schedule, Course Enrollment Records and Credits

4.2.17:	The District will purchase computers to meet requirement of 5 computers per classroom where facilities allow.  LEA LRPT Correlates: I01, I04, I07, I09, TL09	State: Original  Status: Planned	2010-2013	Technology Director, Curriculum Director	Purchase Orders, Inventory
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**OBJECTIVE 4.3:**

The District will provide campus based instructional technology support.

*Budget Amount \$1,884,000.00*  
*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01  
NCLB Correlates: 02, 03, 04a, 04b, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.3.1:	The District will hire a certified teacher per campus who will become a campus instructional technologist.  LEA LRPT Correlates: EP01, EP02, LAS03, LAS08, LAS10	State: Original  Status: Planned	2010-2013	District Administration, Curriculum Director, Technology Director, Campus Administrator	PDAS
4.3.2:	The District will hire a certified librarian/media specialist at each campus to help integrate technology in the classroom.  LEA LRPT Correlates: TL10, TL11	State: Original  Status: Planned	2010-2013	District Administration, Curriculum Director, Technology Director, Campus Administrator	PDAS, employee records

**GOAL 5: The District will utilize technology to improve and increase all avenues of communication inside and outside of the district.**

**OBJECTIVE 5.1:**

High School and Junior High students will utilize email for instructional communication.

*Budget Amount \$31,605.00*  
*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01  
NCLB Correlates: 01, 02, 03, 04a, 07, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
5.1.1:	The District will purchase or license a secure, filtered email program for students in grades 7 - 12.  LEA LRPT Correlates: TL14	State: Original  Status: Planned	2010-2013	Campus Administrators and Technology Facilitators	Purchase orders
5.1.2:	Each student in grades 7 – 12 will be assigned an email account.  LEA LRPT Correlates: TL01, TL02, TL08, TL09, TL14, TL15	State: Original  Status: Planned	2010-2013	Campus Administrators and Technology Facilitators	Accounts are distributed and utilized, Reports

**OBJECTIVE 5.2:**

The District will maintain dynamic, up-to-date information on the web.

*Budget Amount \$79,600.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

NCLB Correlates: 01, 07, 09, 10, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
5.2.1: Each campus website will be maintained with current information.  LEA LRPT Correlates: I08, LAS09, LAS11, TL15, TL16	State: Original  Status: Planned	2010-2013	Campus Administrators, Technology Director	Sites are updated and current, number of hits on website
5.2.2: All teachers will maintain an up-to-date classroom website using district approved software, servers, and meeting minimum content standards as determined by the district technology committee.  LEA LRPT Correlates: I08, LAS09, LAS11, TL15, TL16	State: Original  Status: Planned	2010-2013	District Technology Committee, Campus Administrators, Technology Director	Teacher websites are current
5.2.3: Teachers will post student grades online where they will be accessible by parents/guardians.  Comments: Cost of Parent Access for first year and cost of yearly maintenance.  LEA LRPT Correlates: I08, LAS09, LAS11, TL14, TL15, TL16	State: Original  Status: Planned	2010-2013	Curriculum Director, Campus Administrator	Parents can access student grades
5.2.4: The District will utilize the district website for emergency communications, district calendar, lunch menu, Board agendas, job opportunities, acceptable use guidelines, technology quick reference guides and how-to directions.  Comments: No Cost  LEA LRPT Correlates: EP03, EP04, EP08, LAS11, LAS13, TL15, TL16	State: Original  Status: Planned	2010-2013	Technology Director, District Administrators	Number of hits on website, information is current
5.2.5: The District will place links to Adult Literacy Service Providers on the district website.  Comments: No Cost  LEA LRPT Correlates: LAS11, TL15, TL16	State: Original  Status: Planned	2010-2013	Technology Director, District Administrators	Number of hits on website, information is current
5.2.6: The District will provide secure employee information online, including health insurance, salary, W-2, leave, etc.	State: Original	2010-2013	Business Director	Website, posted webpages

	LEA LRPT Correlates:	Status: Planned			
5.2.7:	District will purchase and utilize software, hardware, or a service for attendance and emergency communications.  Comments: \$12,000 a year. 36,000 total  LEA LRPT Correlates: I08	State: Original  Status: Planned	2010-2013	Technology Director, Campus Administrators,	Purchase Orders, Reports

**OBJECTIVE 5.3:**  
The District will maintain necessary telecommunication services.

*Budget Amount \$408,540.00*  
*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01  
NCLB Correlates: 03, 05, 09, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
5.3.1:	The District will contract with a long distance provider for long distance phone service.  LEA LRPT Correlates:	State: Original  Status: Planned	2010-2013	Technology Director	Service is being used, Reports
5.3.2:	The District will contract with a telecom provider for local phone service.  LEA LRPT Correlates: I01	State: Original  Status: Planned	2010-2013	Technology Director	Service is being used, Reports
5.3.3:	The District will contract with a mobile communications service provider for cellular phone service for key instructional personnel.  LEA LRPT Correlates:	State: Original  Status: Planned	2010-2013	Technology Director	Service is being used

**GOAL 6: The District will utilize technology to increase proficiency and reduce paper usage.**

**OBJECTIVE 6.1:**  
The District will streamline student and business information management operations utilizing technology.

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

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

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
6.1.1:	The District will continue the transition from paper-based maintenance and transportation	State: Original	2010-2013	Technology Director, Maintenance	Procedure manuals, system(s), and forms are in place and being used

	forms to electronic-based forms. LEA LRPT Correlates:	Status: Planned		Director	
6.1.2:	The District will continue transition from paper-based requisition/purchase order forms to electronic-based forms. LEA LRPT Correlates:	State: Original  Status: Planned	2010-2013	Business Manager	Procedure manuals, system, and forms are in place and being used
6.1.3:	The District will transition from manually contacting substitutes to utilizing a web-based system. LEA LRPT Correlates: LAS08	State: Original  Status: Planned	2010-2013	Assistant Superintendent	System is in place and being used
6.1.4:	The District will transition from manual leave request forms to an electronic – based system. LEA LRPT Correlates:	State: Original  Status: Planned	2010-2013	Assistant Superintendent	2010-2013

**OBJECTIVE 6.2:**

The District will streamline educational operations utilizing technology

*Budget Amount \$70,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

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

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
6.2.1:	The District will complete a study of the transition from paper-based discipline forms to electronic-based forms. LEA LRPT Correlates: LAS14	State: Original  Status: Planned	2010-2013	Technology Director, Campus Administrators	Forms are available and being used
6.2.2:	The District will fully implement the Texas Education Service Center Curriculum Collaborative for Mathematics, Science, Reading/English Language Arts, and Social Studies. LEA LRPT Correlates: TL01, TL02, TL03, TL05, TL08	State: Original  Status: Planned	2010-2013	Curriculum Director, Campus Administrators	Use of the Curriculum Developer, results of benchmarks/formative assessments
6.2.3:	The District will transition from paper-based lesson plans to electronic lesson plans. LEA LRPT Correlates: LAS14, TL06, TL08, TL09	State: Original  Status: Planned	2010-2013	Curriculum Director, Campus Administrators	Use of the Curriculum Developer for submission of all lesson plans.
6.2.4:	The District will develop a curriculum and make it available online for content areas other	State: Original	2010-2013	Curriculum Director, Campus Administrators	Use of the Curriculum Developer for submission of all lesson plans.

	than the core utilizing the Curriculum Developer.  LEA LRPT Correlates: EP04, LAS14, TL14	Status: Planned			
6.2.5:	The District will transition from paper-based faculty handbooks to electronic faculty handbooks.  LEA LRPT Correlates: LAS09, LAS11, LAS14	State: Original  Status: Planned	2010-2013	Campus Administrators	There are little to no paper-based handbooks being distributed.
6.2.6:	The District will include web-based Code of Conduct, Student/Parent Handbook, and other parent communications as appropriate as one method of distribution of these documents.  LEA LRPT Correlates: I03, LAS09, LAS11, LAS14, TL09	State: Original  Status: Planned	2010-2013	Special Program Director, Campus Administrators	Electronic documents are available on the District website, Signature Pages
6.2.7:	The district will ensure that procedures are developed that standardize the entering, extracting and merging of student data.  LEA LRPT Correlates: LAS08, LAS14	State: Original  Status: Planned	2010-2013	Business Office, PEIMS coordinator, Curriculum Office	Curriculum Director, District PEIMS Coordinator, Campus Administrators

## Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$4,253.00

Method of application for formula funds: Local Application

<b>Budget year 2010</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$92,000.00	State Tech Allotment 10% Title IID 10% Local Funds 80%
Telecommunications & Internet Access	\$161,180.00	State Tech Allotment 30% Local Fund 20% Grants 20% E-rate Funds 30%
Materials & Supplies	\$40,000.00	Local Funds 100%
Equipment	\$1,165,458.33	State Tech Allotment 30% Local Funds 30% Grants 20% E-rate 20%

Maintenance	\$55,000.00	State Tech Allotment 40% Local Funds 20% E-rate Funds 40%
Miscellaneous Expenses	\$764,335.00	Local Funds 80% Grants 20%
Total	\$2,277,973.33	

### Budget year 2011

Budget item	Cost	Funding Sources with amount per source
Staff Development	\$72,000.00	State Tech Allotment 10% Title IID 10% Local Funds 80%
Telecommunications & Internet Access	\$172,580.00	State Tech Allotment 30% Local Fund 20% Grants 20% E-rate Funds 30%
Materials & Supplies	\$20,000.00	Local Funds 100%
Equipment	\$1,190,458.33	State Tech Allotment 30% Local Funds 30% Grants 20% E-rate 20%
Maintenance	\$55,000.00	State Tech Allotment 40% Local Funds 20% E-rate Funds 40%
Miscellaneous Expenses	\$743,535.00	Local Funds 80% Grants 20%
Total	\$2,253,573.33	

### Budget year 2012

Budget item	Cost	Funding Sources with amount per source
Staff Development	\$72,000.00	State Tech Allotment 10% Title IID 10% Local Funds 80%
Telecommunications & Internet Access	\$172,580.00	State Tech Allotment 30% Local Fund 20% Grants 20% E-rate Funds 30%
Materials & Supplies	\$10,000.00	Local Funds 100%
Equipment	\$1,147,458.34	State Tech Allotment 30% Local Funds 30% Grants 20% E-rate 20%
Maintenance	\$55,000.00	State Tech Allotment 40% Local Funds 20% E-rate Funds 40%
Miscellaneous Expenses	\$747,535.00	Local Funds 80% Grants 20%

Total	\$2,204,573.34
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## Evaluation

**Evaluation Process:**

This technology plan will be monitored for operational implementation on a monthly basis at administrator meetings. Every other month, the plan will be studied and discussed at a district-level administrators' meeting. During those months in which the plan is not monitored at a district-level administrators' meeting, it will be studied and discussed at the joint meeting of district and campus administrators. The district technology committee will review the results of this monitoring on a routine basis.

**Evaluation Method:**

Once a year, the district technology committee will do an in-depth evaluation of the plan to determine if the plan is still appropriate and viable. The committee will also consider whether or not implementation of the plan is achieving the desired outcomes in student learning and the effectiveness and efficiency of district operations. Based on this evaluation, the plan will be adjusted as needed.

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