



Promoting Success

Garza Elementary Technology Plan 2005-2007

McAllen Independent School District
McAllen, Texas

McAllen Independent School District

Garza Elementary Technology Plan
2005-2007

ESC Region 01
County District Number 108906

6300 N. 29th
McAllen, TX 78504
Phone: 956-971-4554
Fax: 956-971-4235
Web site: <http://garza.mcallenisd.org>

Superintendent
Yolanda Chapa
ychapa@mcallenisd.net

Principal
Katie Shults
katie.shults@mcallenisd.net

District Technology Contact
Jorge Herrera
jherrera@mcallenisd.net
956-632-3633
956-971-4593

Technology Plan Committee

Special thanks go to these people for their active participation and contributions in the completion of this Technology Plan:

Dale M. Ramos - Technology Specialist

Kristi Rogers - CTF

Sharon West - Librarian

Katie Shults - Principal

Rachel Villanueva - Teacher

Elizabeth Jones - Teacher

Jennifer Fogle - Teacher

Michelle Gonzalez - Teacher

Linda Robinson - Teacher

Sandra Sims - Teacher

Table of Contents

Executive Summary	1
Demographics	2
Needs Assessment	3
Assessment Process	3
Current Conditions	3
Identified Needs	3
Goals, Objectives, Strategies	4
Teaching and Learning	5
Educator Preparation and Development	10
Administration and Support Services	12
Infrastructure for Technology	14
Evaluation	19
Appendices	
A Texas Teacher/Campus STaR Chart	

Executive Summary

Students entering and attending the GARZA ELEMENTARY will graduate and live in the 21st century. Their needs will be dictated by a rapidly changing society. It is our responsibility to prepare them to live, continue to learn in, and adapt to, this change. Decisions made today will have major effects on the quality and effectiveness of the educational process.

Technology is a major force in today's world; consequently, students must be prepared to utilize computers in education, business, and industry. It is imperative that GARZA ELEMENTARY continue to accept the responsibility to educate students and staff in the use of technology and provide access to the tools both for the educational process and the efficient management of the instruction.

This plan is a synthesis of the visions and recommendations provided by the Campus Technology Committee, insights shared by administrators and teachers, reviews of available literature, meetings with district representatives.

The goals and objectives contained herein can all be achieved. The goals and objectives are in accordance with the Texas Long-Range Plan for Technology, the federal No Child Left Behind Act of 2001, the federal Schools and Libraries Universal Service Support Mechanism, better known as E-Rate., and are designed to support the delivery of sound instruction to student mastery of the TA-TEKS and TAKS. The technology plan is a flexible document and will necessarily evolve to meet the ever-changing needs of the campus.

It is the campus's strongest belief that through the implementation of this plan for the use of technology, the goals of excellence in teaching, learning and effective management within GARZA ELEMENTARY are further advanced.

Purpose

Garza Elementary has prepared this Campus 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 the academic achievement, including technology literacy, of all students of rigorous curriculum standards and the development of critical thinking skills that are essential for academic and workplace success and build the capacity of all teachers to integrate technology effectively into curriculum and instruction.

Background

This plan is based on information drawn from many sources including:

- A review of the literature to identify best practices
- Hardware/software inventory
- Texas Teacher STaR Chart

- Interviews with site and district administrators and representatives from the **McAllen** community.
- School site meetings

Parameters

This Long-Range Technology Plan is driven by the state curriculum standards and supports the educational mission and instructional goals of McAllen ISD and by the No Child Left Behind Act of 2001. Specific attention is given to addressing student standards for technology as defined by the Technology Applications Texas Essential Knowledge and Skills (TEKS), required in the Texas Education Code, Section 28.002. The Technology Applications TEKS found in 19 TAC Chapter 126 describe what students should know and be able to do using technology. As a part of the enrichment curriculum, these TEKS are to be used as guidelines for providing instruction. The goal of the Technology Applications TEKS is for students to gain technology-based knowledge and skills and to apply them to all curriculum areas at all grade levels.

The plan stresses the importance of ongoing and sustained staff development in the integration of technology into the curriculum for teachers, principals, administrators, and school library media personnel to further the effective use of technology in the classroom or library media center. It also is consistent with the recommendations for LEAs as defined by the Texas Long-Range Plan for Technology in the areas of Teaching and Learning, Educator Preparation and Development, Administration and Support Services, and Infrastructure for Technology, as well as the e-rate applications guidelines, and other state standards, such as Technology Applications Standards for Beginning Teachers.

Demographics

	2004-2005	2005-2006	2006-2007
Total Student Enrollment	974	967	
Percent Economically Disadvantaged	55.2%	55.2%	
Number of Teachers	60	56	
Current Situation			
	2004-2005	2005-2006	2006-2007
Computer/Student Ratio (number of students for every computer)	(.20)	205 (.21)	
Computer/Teacher Ratio (number of teachers for every computer)	3:1	1:1	
Number of Classrooms with Direct Connection to Internet	ALL	ALL	
Percentage of Classrooms with Direct Connection to Internet	100%	100%	

Needs Assessment

Assessment Process

A comprehensive needs assessment utilizing teacher/student surveys, interviews, focus group sessions, inventories and the Texas Campus and Teacher 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, courses, student achievement, technology resources, staff development, and technical support.

Current Conditions

Technology Resources

The following resources are provided:

- Subscriptions to online resources for teachers and students including databases and encyclopedias.
- eChalk
- Go Grolier
- Video Streaming from United Learning
- AR reading program
- Ultra Key
- Orchard
- CD Rom software available for checkout
- DVD players
- Co-Writer
- Dyslexia Lab
- PDA's (TPRI)
- 2 Computer Labs
- Mobile Lab (12 computers)
- Digital cameras, and digital projectors
- Access in the library to adult literacy resources on the web for all community members. The district website includes links for adult literacy programs, GED programs and other resources for adult education as well.

Staff Training

The following technology staff development is in place:

- All teachers are required to take a yearly survey to assess their technology skills
- All teachers encouraged to attend at least one technology training per year.
- Master teachers and/or District Technology Specialists in the district will provide training to other teachers after school.
- Other training is provided to the district through content areas, ESC 1, campus-based training

- A team of teachers are sent to the TCEA State Convention once every three years.
- Element K

Technical Support

The following technical support is currently in place.

- Campus Technology Facilitator
- Instructional Technology Specialist
- Computer Lab Manager
- Librarian
- Technology Committee
- Network Support Team

Existing Technology

The following technology is currently in place:

- Direct connection to the Internet via T1 leased line.
- Ethernet-to-the-desktop connected computer labs with two file servers for classes.
- 7 wireless access points
- Four network drops in every classroom (may or may not work).
- Multimedia projectors for classroom checkout.
- 200 computers available for students, which includes two networked computer labs, one mobile lab and one full-time teaching assistant to aid the staff in technology implementation and training.
- Networked online card catalog, Internet access, and automated checkout in the library.
- At least 1 computer for every teacher

Identified Needs

- Wireless connectivity outdated
- Funding for hardware and software
- On-going professional development

Goals, Objectives/Strategies, Timeline, Person(s) Responsible, Evidence

*Goals & Objectives:

Garza Elem. developed goals and objectives based upon the recommendations defined by the Texas Long-Range Plan for Technology and the McAllen ISD Technology Plan in the areas of Teaching and Learning, Educator Preparation and Development, Administration and Support Services, and Infrastructure for Technology.

Goals, Objectives, and Strategies

TEACHING AND LEARNING					
GOAL 1: To focus on the instructional needs of teachers and the learning needs of students in meeting the vision of technology in education.					
OBJECTIVE 1.1: 100% of Instructional Staff will be expected to develop strategies for students to improve academic achievement to meet the Technology Applications TEKS through the TEKS.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.1.1:	Inform educators of the TA-TEKS.	State: Original Status: Completed	Ongoing	Principal; Campus Technology Committee; Vice Principal;	Department/grade level/faculty meeting agendas; district/campus/department websites; lab posters
1.1.2:	Align the curriculum with the TA-TEKS.	State: Original Status: Completed	Ongoing	Teachers	Teacher classroom instruction. Curriculum alignment document.
1.1.3:	Utilize technology-related activities to support the integration of the TA-TEKS into the TEKS. Word processing, spreadsheet, database, Internet activities, multimedia projects, webquests, treasure hunts, digital video, virtual field trips, telementoring	State: Original Status: Ongoing	Ongoing	Teachers; Principal; Vice Principals	Teacher lesson plans; Teacher evaluations
1.1.4:	Utilize <i>computer lab</i> to integrate Technology Applications TEKS across the curriculum. Multimedia projects, Internet Research, Web-based activities	State: Modified Status: Ongoing	Ongoing	Teachers; Librarian; <i>Computer Lab Manager</i>	Lab sign-up forms; Teacher lesson plans
1.1.5	Teach the iSafe Curriculum (3-5 th grades)	State: New Status: Planned	Ongoing	Teachers, Librarian; Computer lab manager	Teacher Lesson Plans
OBJECTIVE 1.2: 100% of the Instructional Staff will be encouraged to meet SBEC Technology Applications standards for educators and TSSA Technology Standards for School Administrators respectively.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.2.1:	Participate in district-wide technology classes for	State: Original	On-going	Campus Staff	ERO transcripts; at least 75% of all

	educators for Time Equivalency and encourage all staff to achieve technology proficiencies. (see Educator Preparation & Development area)	Status: Ongoing			teachers will have attended at least 2 hours of technology training each year.
1.2.2:	Schedule technology training at each campus to address specific needs. (see Educator Preparation & Development area)	State: Original Status: Completed	Ongoing	Campus Technology Committee; Principal	ERO transcripts; all campus teachers will have attended MS Outlook and Making the Grade training (as needed). MTG, United Streaming, eChalk
OBJECTIVE 1.3: The district will strive to have 100% of students achieve the technology proficiencies according to the benchmarks for Technology Applications TEKS.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.3.1:	Campus technology committees will review the TA-TEKS technology proficiencies expected of students each year. Comments: Campus technology committee will share results of review with faculty. TA-TEKS technology proficiencies posted on all campus websites.	State: Original Status: Planned	August-December	Campus Technology Committee	Committee minutes; faculty/department/grade level minutes; campus website
1.3.2:	Utilize the Technology Application adoption <ul style="list-style-type: none"> All K-5 students will receive a TechKnowledge account. No less than two teachers per grade level will utilize Technology Application adoption materials 	State: New Status: Planned	Ongoing	Principal, Teachers	TechKnowledge Usage Reports
OBJECTIVE 1.4: Increased evaluation and innovation across the curriculum through technology. (ref. 1.1)					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.4.1:	Assess and evaluate Success Maker	State: Original Status: Planned	Spring 2007	Campus Technology Committee	TCET Educator's ILS Assessment and Evaluation Kit documentation and reports via Success Maker
1.4.2:	Investigate emerging technologies. (PDA's in the	State: Original	Ongoing	Campus Technology	Instructional Technology project reports and

	classroom, Electronic textbooks, On-line learning, Distance learning, Digital video, Smartboards, student use of Flash Drives)	Status: Completed		Committee	recommendations. Purchased document camera, Activboard,
OBJECTIVE 1.5: 100% of schools will integrate ongoing planning for technology into all classrooms and libraries on each campus in the district, and encourage participation of the community.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.5.1:	Continue meetings of the Campus Technology Committee to review campus-wide technology projects and plans	State: Original Status: Planned	Ongoing	Principal; Campus Technology Committee Chairperson	Quarterly meetings; agendas.
1.5.2:	Maintain a Campus Technology Committee to include: Technology Specialist, Librarian, Principal, teachers	State: Original Status: Completed	August	Campus Technology Committee; Principal	Campus Technology Committee membership list; meeting dates; agendas
1.5.3	100% of campuses and 80% teachers will complete the Texas STaR Charts.	State: New Status: Completed	October	Campus Technology Committee; Principal	STaR Chart Statistics. 100% participation
1.5.4:	Integrate technology into teacher daily lesson plans.	State: Original Status: Ongoing	Ongoing	Teachers	Teacher Lesson Plans
OBJECTIVE 1.6: Increased accessibility by all students to technology-based instruction and to adaptive/assistive devices, training and support, as appropriate.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.6.1:	Investigate accessibility at each campus for all students to technology-based instruction and to adaptive/assistance devices as needed.	State: Original Status: Completed	Ongoing	Principal; Director Special Education; Teachers	Screenings, Evaluations. Co-writer
1.6.3:	Acquire/adapt technologies to ensure equal access for students.	State: Original Status: Completed	Ongoing	Principal; Director Special Education; Teachers	Purchase orders; IEP

OBJECTIVE 1.7: 100% of Instructional staff will utilize student performance data and curriculum materials that are provided and managed electronically in instructional planning.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.7.1:	Utilize disaggregated data and Benchmark Testing for instructional planning at the classroom level.	State: Original Status: Completed	Ongoing	Teachers; Principals; Director of Research and Evaluation; Math Coordinator	SPSS;NCS Reports
1.7.2:	Utilize the curriculum units for instructional planning.	State: Original Status: Planned	Ongoing (pending funding)	Teachers; Subject Area Coordinators	Teachers' lesson plans
OBJECTIVE 1.8: Use distance learning and digital content services for expanding curricular offerings and meeting the needs of all students.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.8.1:	Utilize videoconferencing equipment to expand curricular offerings.	State: Original Status: Completed	Ongoing	Principal; Teachers	Distance learning evaluations
1.8.2:	Participate in on-line courses, virtual field trips, interactive curricular CD's and other distance learning or digital content services.	State: Original Status: Completed	Ongoing	Principal; Teachers	Distance learning evaluations; ERO Certificates; Lesson plans
OBJECTIVE 1.9: The campus will increase on-demand access for staff and students to the best available technologies, including digital content in classrooms, libraries, and other appropriate sites.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.9.1:	Publish a list of recommended electronic information resources for classrooms, libraries, and students on the district and campus web sites (such as eChalk, Go-Groiler, Unitedstreaming, and those provided by specific campuses)	State: Original Status: Completed	August	Librarian; Teachers; CTF	Campus website

1.9.2:	Increase awareness of best available technologies by training staff and students to utilize available technologies and digital content.	State: Original Status: Completed	Ongoing	Campus Technology Committee; Librarian	Training agendas; emails; campus website
1.9.3:	As funds become available, ensure that the best available technologies are available in the school libraries and classrooms.	State: Original Status: Completed	Ongoing	Principal; Campus Technology Committee	Documentation to support special projects. Purchase orders
OBJECTIVE 1.10: Identify and communicate the best technology practices to the community.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.10.1:	Plan events such as technology training/sharing sessions for parents and community members to provide information to the school community to identify McAllen ISD best technology practices.	State: Original Status: Completed	March (Texas Public School Week)	Principal; Campus Technology Committee; Parental Involvement Specialist	Agendas; list of events held; Parent sign-in sheet
1.10.2:	Inform parent/community organizations (PTA, DAC, PAC, etc.) of McAllen ISD best technology practices.	State: Original Status: Completed	Ongoing	Principal; Campus Technology Committee; Parental Involvement Specialist	Agendas; list of events held; district/campus websites
OBJECTIVE 1.11: The district and campuses will provide incentives for use of new effective models, tools, and resources for teaching and learning.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.11.1:	As funds are available, provide incentives for students and teachers who use effective models, tools, and resources for teaching and learning with technology. Comments – eChalk contests, Immigration law writing contest	State: Original Status: Completed	Ongoing	Principal; Campus Technology Committee	Publish incentives and awards to teachers and students on district websites; IT Newsletter: The Server; MITV, etc.; Supportive documentation

OBJECTIVE 1.12: The campus will provide parents and other community members increased access to the infrastructure for educational resources.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.12.3:	Provide access to the Internet for students at the following locations: School libraries; Computer labs; Saturday school sessions	State: Original Status: Completed	Ongoing	Principal; Computer lab manager; Librarian;	Yearly Report; sign-in sheets
EDUCATOR PREPARATION AND DEVELOPMENT					
GOAL 2: To provide for training of educators in using technology to teach and learn and to use technology to provide equitable access to quality professional development. View details about our staff development program in Appendix E					
OBJECTIVE 2.1: Allocate at least 30 percent of technology allotment and 25 percent of NCLB Title II Part D for professional development .					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.1.1:	Ensure that on-going professional development is attended by Campus Technology Facilitators, campus lab managers, Classroom Teachers, Librarians, and Campus Technology Committee members.	State: Original Status: Completed	Ongoing	Principal	Professional Development database; Records of attendance at technology conferences or training sessions
OBJECTIVE 2.2: 100% of campuses will be encouraged to provide opportunities, incentives, and support for educators to develop model practices in the integration of teaching, learning, and technology.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.2:	Provide opportunities, incentives, and support for educators to develop model practices in the integration of teaching, learning, and technology.	State: Original Status: Planned	Ongoing	Principal; Campus Technology Committee	Incentive plan
2.2.3:	Recognize educators with articles about the highlights of their accomplishments on the district Web Pages, on MITV and in the Instructional Technology newsletter, The Server.	State: Original	Ongoing	Principal; Campus Technology Committee	Information on the District Web Page, MITV, and The Server Information on the District Web Page, MITV, and The Server, Campus website and newsletter

		Status: Completed			
OBJECTIVE 2.3: 100% of Instructional Staff will be provided professional development in integrating technology into teaching and learning, instructional management, and administration.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.3.2:	Encourage campus staff and administrators to attend professional development sessions in integrating technology into teaching and learning, instructional management, and administration.	State: Original Status: Completed	Ongoing	Principal; Campus Technology Committee	ERO Transcripts; At least one administrator per campus will attend a technology conference and/or a technology leadership session. At least 75% of all teachers will have attended at least 2 hours of training each year.
OBJECTIVE 2.4: 100% of Instructional Staff will be provided training in data examination and analysis through technology to support sound decision-making.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.4.1:	Attend training for campus administrators in data examination (Aset)	State: Original Status: Planned	Ongoing	Campus Administrators	ERO transcript
2.4.2:	Provide training for teachers in data examination (Aset).	State: Original Status: Planned	Ongoing	Teachers	Agendas and sign-in sheets
OBJECTIVE 2.5: 100% of campuses will integrate planning for technology professional development into all classrooms, campus, and district planning.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.5.3:	Integrate technology planning to address educator preparation and development into each teacher's self-report form of the PDAS.	State: Original Status: Completed	Ongoing	Teachers	Teachers' Lesson Plans; Self- Reports on the PDAS (Professional development section of the self report)

OBJECTIVE 2.6: Increased professional development opportunities to educators by distance learning, distributed learning, and through digital content services.				
<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.6.1: Investigate distance learning, distributed learning, and digital content professional development opportunities.	State: Original Status: Planned	Ongoing	Campus Technology Committee	Agenda
OBJECTIVE 2.7: Use a variety of professional development models including distributed, just-in-time professional development for all educators.				
<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.7.1: Offer a wide variety of multimedia materials (videotapes, CD's, DVD's, etc.) to provide instruction in technology integration and use of software for teachers.	State: Original Status: Planned	Ongoing	Librarian; Library services coordinator	Inventory records for McAllen ISD Media Library; Circulation records will show a 10% annual increase.
2.7.2: Participate in distributed professional development in technology via on-line or distance learning (i.e. TSTAR, TETN, etc.). See 2.6	State: Original Status: Planned	Ongoing	Campus Staff	Course listings; ERO database.
2.7.3: Increase awareness of professional development opportunities.	State: Original Status: Planned	Ongoing	Campus Technology Committee	ERO Database; Campus Newsletter; Campus Website
ADMINISTRATION AND SUPPORT SERVICES				
GOAL 3: To integrate technology into all aspects of the school community, including instruction, instructional management, and administration, and to expand community access to information.				
OBJECTIVE 3.1: 100% of Instructional Staff will be encouraged to integrate technology into instructional management and administration.				
<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.1.1: Maintain and support a district-wide grade book program.	State: Original	Ongoing	Campus Technology Facilitator; Teachers	Computerized grade reporting at grades 2-12

		Status: Completed			
OBJECTIVE 3.2: Initiate and implement policies regarding Acceptable Use Policies for MISD staff and students.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.2.1:	Enforce the District AUP (Acceptable Use Policy) that has been adopted by the school board.	State: Original Status: Ongoing	Ongoing	Principal; CTF	Internet Agreement Forms on file at each campus; training for staff
3.2.4:	Maintain and update e-mail addresses for all staff to improve communication.	State: Original Status: Completed	Ongoing	Principal; Campus Technology Facilitator	Updated email address list.
3.2.6:	Encourage students to utilize web-based e-mail for educational purposes.	State: Original Status: Completed	Ongoing	Teachers; Principal; Campus Technology Committee	List of email addresses; list of activities; lesson plans; eChalk report
3.2.7:	Collect signed AUP forms from MISD staff, students, and others.	State: Original Status: Completed	August/ongoing	CTF	Signed forms
OBJECTIVE 3.3: Expand community access to school information through technology.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.3.1:	Expand the use of eChalk <ul style="list-style-type: none"> ▪ Prepare students for online learning through the use of discussions, surveys, homework drop box, student portfolios, and email ▪ Ensure at least 90% of eChalk accounts are activated ▪ Ensure a 20% increase in use of student email and total logins ▪ Ensure at least 75% of teachers will post at least one work and event per month 	State: New Status: Planned	Ongoing	Principal; Teachers; Campus Technology Committee	eChalk Statistics

	<ul style="list-style-type: none"> All Parental Involvement Specialists will provide eChalk training for parents 				
3.3.2:	Invite community members to visit school library and computer labs to provide community access to the Internet and District Web Pages.	State: Original Status: Completed	Ongoing	Principal; Parental Involvement Specialist; CTF	Sign-in sheets to document attendance
OBJECTIVE 3.4: Establish policies to encourage expanded use of school facilities.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
OBJECTIVE 3.5: Increased coordination of school and community resources for technology.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.5.3:	Have guest speakers come to classes throughout the campus to convey how they use technology in their jobs.	State: Original Status: Completed	Ongoing	Principal; Teachers; CTF; Counselors	Teachers' lesson plans; Career Fair Agenda
GOAL 4: To establish, maintain and update an infrastructure for technology throughout the district.					
OBJECTIVE 4.1: Meet the technology equipment targets for students adopted in the Long Range Plan for Technology of a workstation ratio of 4:1 for 2004-2005.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.1.1:	Determine the present student-to-workstation ratio.	State: Original Status: Planned	August	Campus Technology Committee	Inventory of computers and membership count
4.1.2:	Determine the workstation needs for each campus for meeting the required ratio of 3:1.	State: Original Status: Planned	August	Campus Technology Committee	Inventory of computers and membership count
4.1.3:	Develop a schedule and budget for purchase of new hardware and software.	State: Original Status:	April	Principal; Campus Technology Committee	Schedule of items to be purchased; Budget

		Planned			
4.1.4:	Purchase hardware and software for classrooms. (Approval by district Technology departments required)	State: Original Status: Planned	Ongoing	Principal; Campus Technology Committee;	Purchase orders
OBJECTIVE 4.2: Investigate multiple financial arrangements for securing and maintaining workstations, infrastructure and other technologies.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.3:	Apply for campus technology grants as they become available.	State: Original Status: Completed	Ongoing	Teachers	Technology grants submitted for approval
OBJECTIVE 4.3: Increased access to appropriately configured workstations for staff in libraries, school offices, and in other work areas, ensuring accessibility for disabled students and staff.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.3.1:	Determine the number of computers available in each campus library and school office.	State: Original Status: Planned	May	Campus Technology Committee	Inventory of computers in library and school office
4.3.2:	Ensure accessibility for disabled staff.	State: Original Status: N/A	September	Director Special Education; Principal; Teachers	Responses to campus and other requests
4.3.3:	Prepare a plan to augment the availability of computers in the campus library and offices.	State: Original Status: Planned	April	Campus Technology Committee	Campus Technology Plan
OBJECTIVE 4.4: 100% of all campuses (and District) will integrate planning for the district technology infrastructure into all classrooms, libraries, campus and district planning.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.4.2:	Address technology infrastructure. Needs: wireless infrastructure upgrades	State: Original	April	Principal; SBSDM Team; Campus Technology Committee	Campus Improvement Plan; Report of recommendations

		Status: Planned			
OBJECTIVE 4.5: Increased community support through collaborative planning, education, and public information for the integration of technology into the educational program.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.5.1:	Provide ongoing Technology Forums and/or student demonstrations of technology use at PTA meetings and/or Parental Involvement meetings and student competitions.	State: Original Status: Planned	Ongoing	Principal; Parental Involvement Specialist; Teachers	PTA agendas Parental Involvement Meeting agendas; Student Contest results
OBJECTIVE 4.6: Increased high speed access to the Internet for students and staff.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.6.4:	Develop a plan to implement network management tools.	State: Completed Status: Planned	October	Campus Technology Facilitator; Principal	Network Management Plan; Computer Associates
OBJECTIVE 4.7: Increase the number of partnerships with public and private entities.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
OBJECTIVE 4.9: 100% of Instructional Staff will be encouraged to participate in the comprehensive state technology system.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.9.2:	Publicize and provide training in utilization of library resource-sharing programs and initiatives such as interlibrary loan, online information databases and electronic reference materials.	State: Original Status: Completed	Ongoing	Librarian; CTF	Usage records Groiler and United Streaming. 3-5 th grades completed
OBJECTIVE 4.10: Design, install, and maintain a technology and telecommunications infrastructure for communications and service to ensure equitable access for all campuses and the community.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.10.3:	Support, maintain, and upgrade campus networks.	State: Original	Ongoing	Principal; Campus Technology Committee	Operational networks

		Status: Planned			
OBJECTIVE 4.11: Replace or reposition obsolete technology and infrastructure on a scheduled basis to ensure maximum efficiency and use.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.11.3:	Maintain and update a list and location of all campus hardware so plans can be made to recycle or replace obsolete equipment.	State: Original Status: Completed	Ongoing	Principal Designee	Campus Hardware Inventory
OBJECTIVE 4.12: Provide and maintain an infrastructure for communications with parents and community members, including access to school news, educational resources, data, and personnel.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.12.3:	Assist teachers in utilizing the district grade book program.	State: Original Status: Completed	Ongoing	Campus Technology Facilitator	Printed Reports
4.12.4:	Continue to post attendance and grading information from campus computers to Information Systems, via the Internet.	State: Original Status: Completed	Ongoing	Teachers	VistaNet system in place
4.12.5:	Increase MITV program events to include school news, programs, resources, etc.	State: Original Status: Completed	Ongoing	Principal; Campus Technology Committee	Programming Schedule

Evaluation

Evaluation Process:

Evaluation of the Technology Plan will be a systematic ongoing process. All aspects of the Plan will be evaluated formally in May.

The Technology Plan Committee will be responsible for the ongoing evaluation of this plan. The intention of the evaluation will be to make decisions on the impact that technology has on the learning process for all students.

Evaluation Methods:

Other methods used for evaluation will include:

- Texas Teacher STaR Chart; Campus STaR Chart
- Informal interviews conducted by the Campus Technology Committee
- Records of staff member participation in technology training.
- Integration of training into the classroom as measured by lesson plans and number and type of technology and distance learning projects.
- Monitoring and documentation of community access to technology resources and information on the campuses and on the web site.
- Monitoring and documentation of community involvement
- Yearly inventory of hardware and software
- Support and maintenance of technology as documented by technical support records

Appendix

Campus Average for Teacher STAAR Chart

Campus Code: 108906122

Name: GARZA ELEMENTARY

Teachers Having Completed STAAR Charts: 45 of 45

Point Value: 1 = Early Tech, 2 = Developing Tech, 3 = Advanced Tech, 4 = Target Tech

I. Teaching and Learning

A: Teacher Use of Technology in Instruction	B: Productive Use of Technology for Instructional Purposes	C: Design of Instructional Setting for Student Use of Technology	D: Content Area Connections	E: Integration of Technology Applications TEKS	F: Patterns of Student Use
Developing	Developing	Developing	Developing	Developing	Developing

**Score: 12
(DEVELOPING)**

Point Ranges: 6-8 = Early; 9-14 = Developing; 15-20 = Advanced; 21-24 = Target

II. Educator Preparation

G: Professional Development Experience	H: Technology Capabilities	I: Technology Leadership Mentoring and Modeling	J: Continuum of Professional Development Models	K: Levels of Understanding	L: Technology Professional Development
Developing	Developing	Developing	Developing	Developing	Developing

**Score: 12
(DEVELOPING)**

Point Ranges: 6-8 = Early; 9-14 = Developing; 15-20 = Advanced; 21-24 = Target

III. Administration and Support

M: Technology Vision and Planning	N: Technical Support	O: Instructional Technology Resources (Staff/Online)	P: Budget	Q: Classroom Technology
Developing	Developing	Developing	Developing	Developing

**Score: 10
(DEVELOPING)**

Point Ranges: 5-7 = Early; 8-12 = Developing; 13-17 = Advanced; 18-20 = Target

IV. Infrastructure for Technology

R: Students per Computer in Classroom	S: Internet Access Connectivity/Speed in the Classroom	T: Distance Learning Opportunities	U: LAN/WAN Access	V: Other Technologies
Early	Developing	Developing	Early	Developing

**Score: 8
(DEVELOPING)**

Point Ranges: 5-7 = Early; 8-12 = Developing; 13-17 = Advanced; 18-20 = Target

Campus STaR Chart

Campus Code: 108906122 **Principal:** Katie Shults
Name: GARZA ELEMENTARY **School Year:** 2005
Date Completed: 12/5/2005

Point Value: 1 = Early Tech, 2 = Developing Tech, 3 = Advanced Tech, 4 = Target Tech

I. Teaching and Learning

A: The Impact of Technology on Teacher Role and Collaborative Learning	B: Patterns of Teacher Use	C: Frequency/Design of Instructional Setting Using Digital Content	D: Curriculum Areas	E: Technology Applications TEKS Assessment	F: Patterns of Student Use
Developing	Advanced	Advanced	Developing	Developing	Developing

Score: 14 (DEVELOPING) **Point Ranges:** 6-8 = Early; 9-14 = Developing; 15-20 = Advanced; 21-24 = Target

II. Educator Preparation

G: Content of Training	H: Capability of Educators	I: Leadership and Capabilities of Administrators	J: Models of Professional Development	K: Levels of Understanding and Patterns of Use	L: Technology Budget Allocated to Technology Professional Development
Advanced	Developing	Advanced	Developing	Developing	Early

Score: 13 (DEVELOPING) **Point Ranges:** 6-8 = Early; 9-14 = Developing; 15-20 = Advanced; 21-24 = Target

III. Administration and Support

M: Vision and Planning	N: Technical Support	O: Instructional and Administrative Staffing	P: Budget	Q: Funding
Developing	Early	Developing	Early	Advanced

Score: 9 (DEVELOPING) **Point Ranges:** 5-7 = Early; 8-12 = Developing; 13-17 = Advanced; 18-20 = Target

IV. Infrastructure for Technology

R: Students per Computer	S: Internet Access Connectivity/Speed	T: Distance Learning	U: LAN/WAN	V: Other Technologies
Developing	Developing	Developing	Developing	Developing

Score: 10 (DEVELOPING) **Point Ranges:** 5-7 = Early; 8-12 = Developing; 13-17 = Advanced; 18-20 = Target