



Zavala Elementary Technology Plan 2005-2007

McAllen Independent School District
McAllen, Texas

McAllen Independent School District

ZAVALA ELEMENTARY Technology Plan
2005-2007

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Executive Summary

Students entering and attending the ZAVALA 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 ZAVALA 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 ZAVALA ELEMENTARY are further advanced.

Purpose

ZAVALA ELEMENTARY has prepared this Campus Technology Plan to articulate a common vision for technology in the campus 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 inventory
- Texas Teacher and Campus 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 (139 Computers)

	2004-2005	2005-2006	2006-2007
Total Student Enrollment	391	397	
Percent Economically Disadvantaged	91.8%	91.4%	
Number of Teachers	35	26	
Current Situation			
	2004-2005	2005-2006	2006-2007
Computer/Student Ratio (number of students for every computer)	~ 1/3	136(.34)	
Computer/Teacher Ratio (number of teachers for every computer)	~ 1/1	1:1	
Number of Classrooms with Direct Connection to Internet	(25)	25	
Percentage of Classrooms with Direct Connection to Internet	71%	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 campus 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
- CD Rom software available for checkout
- Dyslexia Lab
- PDA's (TPRI)
- ActivBoard
- 1 Computer Lab
- Digital still/video cameras, scanners, and digital projectors
- Pen Drives
- iPod (Music Teacher)
- Wireless hubs
- IT Tutor
- Destiny

*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 must attend at least two technology training sessions per year.
- Technology Committee 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
- As funds become available, a team of teachers is 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
- Help Desk
- 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 lab with two file servers for classes.
- 2 wireless access points
- At least 3 network drops in every classroom (may or may not work).
- One multimedia projector for classroom checkout.
- 139 computers available for students that includes one networked computer lab, and one full-time lab manager to aid the students in Success Maker.
- Networked online card catalog, Internet access, and automated checkout in the library.
- At least 1 computer for every teacher

Identified Needs

- Funding for hardware and software
- On-going professional development
- At least 1 mobile lab with 30 eBooks.
- Laptop computers
- More multimedia projectors
- Document Readers
- Video Cameras
- Multimedia Computer for Music
- Portable Speaker System
- iPods for teachers

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

Goals are observable and measurable expectations for student and teacher use of technologies correlated to the curriculum (TEKS) addressing the four areas of the Long-Range Plan for Technology, 1996-2010: 1) Teaching and Learning, 2) Educator Preparation and Development, 3) Administration and Support Services, 4) Infrastructure for Technology. Goals should focus on results rather than efforts.

Objectives are specific, measurable statements of what is to be accomplished to meet the goals by the end of plan. Objectives must be correlated to NCLB and E-Rate. A budget amount must be allocated for each objective and that expenditure needs to be correlated to one of the four Long-Range Plan for Technology categories: 1) Teaching and Learning, 2) Educator Preparation and Development, 3) Administration and Support Services, or 4) Infrastructure for Technology

Strategies are the specific activities that will be conducted to achieve your objectives. All strategies must include a strategy statement, person(s) responsible, timeline, and evidence that will be used to measure success.

Timeline states the period of time in which you are to complete the plan or goals; states approximate date(s) for completion of each phase; states major events with the use of graphics (i.e. charts and calendars)

Person(s) Responsible states the person or group of people who will be responsible for ensuring that the strategy is implemented.

Evidence includes everything that will be used to demonstrate the success of the strategy. This includes both quantitative and qualitative data. Quantitative data might include “records of staff member participation in technology training monitored by sign-in sheets and teacher professional development records.” Qualitative data might include “integration of training into the classroom as measured by lesson plans and number and type of technology and distance learning projects.”

***Goals & Objectives:**

Zavala Elementary School 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>Budget Amount \$</i>					
Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:	
1.1.1: Inform educators of the TA-TEKS.	State: Original Status: C	Ongoing	Principal; Campus Technology Committee; Asst. Principal	Grade level/faculty meeting agendas; district/campus/classroom websites; lab posters	
1.1.2: Align the curriculum with the TA-TEKS.	State: Original Status: C	Ongoing	Teachers	Teacher classroom instruction; Lesson Plans	
1.1.3: Utilize technology-related activities to support the integration of the TA-TEKS into the TEKS. I.e. Word processing, spreadsheet, database, Internet activities, multimedia projects, webquests, treasure hunts, digital video, virtual field trips	State: Original Status: C	Ongoing	Teachers; Principal; Asst. Principal	Teacher lesson plans; Teacher evaluations/ observations	
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: C	Ongoing	Teachers; Librarian; Computer Lab Manager	Lab sign-up forms; Teacher lesson plans	
1.1.5: Teach the iSafe Curriculum (all Students	State: New Status: C	Ongoing	Coaching Staff	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>Budget Amount \$</i>					

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.2.1: Participate in district-wide technology classes for educators for Time Equivalency and encourage all staff to achieve technology proficiencies. (see Educator Preparation & Development area)	State: Original Status: C	On-going	Campus Staff	ERO transcripts; at least 100% of all teachers will have attended at least 4 hours of technology training each year.
1.2.2: Schedule technology training at campus to address specific needs.	State: Original Status: C	Ongoing	Campus Technology Committee; Principal	ERO transcripts; all campus teachers will have attended MS Outlook and Making the Grade training (as needed).
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>Budget Amount \$</i>				
Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
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 Planned Status:	Ongoing	Principal; Teachers	TechKnowledge Usage Reports
OBJECTIVE 1.4: Increased evaluation and innovation across the curriculum through technology. (ref. 1.1) <i>Budget Amount \$</i>				
Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:

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1.4.1:	Assess and evaluate software programs to address the following subject areas: Math, Science, Social Studies, Language Arts, and Music.	State: Original Status: Planned	As Needed	Campus Technology Committee	TCET Educator's ILS Assessment and Evaluation Kit documentation
1.4.2:	Investigate emerging technologies. (PDA's in the classroom, Electronic textbooks, On-line learning, Distance learning, Digital video, Active boards, student use of Flash Drives)	State: Original Status: In Progress	Ongoing	Campus Technology Committee	Instructional Technology project reports and recommendations.
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>Budget Amount \$</i>					
<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: C	Ongoing	Principal; Campus Technology Committee Chairperson	Quarterly meeting agendas
1.5.2:	Maintain a Campus Technology Committee to include: Technology Specialist, Librarian, Principal, teachers	State: Original Status: C	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 C Status:	October	Campus Technology Committee; Principal	STaR Chart Statistics
OBJECTIVE 1.6: Increased accessibility by all students to technology-based instruction and to adaptive/assistive devices, training and support, as appropriate. <i>Budget Amount \$</i>					

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Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
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: C	Ongoing	Principal; Director Special Education; Teachers	Screenings, Evaluations
1.6.3:	Acquire/adapt technologies to ensure equal access for students.	State: Original Status: C	Ongoing	Principal; Director Special Education; Teachers	Purchase orders; IEP
<p>OBJECTIVE 1.7: 100% of Instructional staff will utilize student performance data and curriculum materials that are provided and managed electronically in instructional planning. Budget Amount \$</p>					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.7.1:	Utilize disaggregated data and Benchmark Testing for instructional planning at the classroom level.	State: Original Status: C	Ongoing	Teachers; Principals; Director of Research and Evaluation; Math Coordinator	SPSS;NCS Reports AEISIT Reports
1.7.2:	Utilize the curriculum units for instructional planning.	State: Original Status: planned	Ongoing	Teachers; Subject Area Coordinators	Teachers' lesson plans
1.7.3:	Acquire/utilize technologies to support MAST (McAllen Assistance Team) team.	State: Original Status: C	Ongoing	Drug Free Schools/Campus Counselor	Purchase orders for hardware; Student evaluation templates
<p>OBJECTIVE 1.8: Use distance learning and digital content services for expanding curricular offerings and meeting the needs of all students. Budget Amount \$</p>					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:

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1.8.1:	Utilize videoconferencing equipment to expand curricular offerings.	State: Original Status: C	Ongoing	Principal; Teachers	Distance learning sign-up sheets
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: C	Ongoing	Principal; Teachers	Distance learning sign-up sheets; ERO Certificates; Lesson plans
<p>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>Budget Amount \$</i></p>					
<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 campus web sites (such eChalk, go.groiler, unitedstreaming, and those provided by campus)	State: Original Status: C	Ongoing	Librarian; Teachers; CTF	Campus website, Destiny
1.9.2:	Increase awareness of best available technologies by training staff and students to utilize available technologies and digital content.	State: Original Status: C	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 library and classrooms.	State: Original Status: C	Ongoing	Principal; Campus Technology Committee	Documentation to support special projects. Purchase orders
<p>OBJECTIVE 1.10: Identify and communicate the best technology practices to the community. <i>Budget Amount \$</i></p>					

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.10.2: Inform parent/community organizations (PTA, DAC, PAC, etc.) of campus best technology practices.	State: Original Status: C	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>Budget Amount \$ Donations</i>				
Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
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: • Hardware • Software • Master Technology Teacher certification • Technology training • Instructional Technology contests • National/State/Local contests • Technology conferences (TCEA, ESC1, etc.) • McAllen Education Foundation grants • Other grants	State: Original Status: Planned	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>Budget Amount \$</i>				
Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:

1.12.3:	Provide access to the Internet for students at the following locations: School library; Computer lab; Before school; After school; Saturday Tutoring	State: Original Status: C	Ongoing	Principal; Computer lab manager; Librarian; Teachers	Attendance logs
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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 .
Budget Amount \$

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.1.1: Ensure that on-going professional development is attended by Campus Technology Facilitator, campus lab manager, Librarian, and Campus Technology Committee members.	State: Original Status: C	Ongoing	Principal	Professional Development database; Records of attendance at technology conferences or training sessions; ERO

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.
Budget Amount \$

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.2.3: Recognize educators with articles about the highlights of their accomplishments on the district/campus Web Pages, on MITV and in the Instructional Technology newsletter, The Server.	State: Original Status: Planned	Ongoing	Principal; Campus Technology Committee	Information on the District Web Page, MITV, and The Server, Campus website and newsletter

OBJECTIVE 2.3: 100% of Instructional Staff will be provided professional development in integrating technology into teaching and learning, instructional management, and administration.
Budget Amount \$

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
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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: C	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 100% of all teachers will have attended at least 4 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>Budget Amount \$</i>					
<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	State: Original Status: C	Ongoing	Campus Administrators	ERO transcript
2.4.2:	Provide training for teachers in data examination.	State: Original Status: Planned	Ongoing	Campus Administrators; Teachers	Agendas and sign-in sheets
OBJECTIVE 2.5: 100% of campuses will integrate planning for technology professional development into all classrooms, campuses, and district planning.					
<i>Budget Amount \$</i>					
<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 (professional development section).	State: Original Status: C	Ongoing	Teachers	Teachers' Lesson Plans; Self- Reports on the PDAS (Professional development section of the self report)
OBJECTIVE 2.7: Use a variety of professional development models including distributed, just-in-time professional development for all educators.					

<i>Budget Amount \$</i>					
<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: C	Ongoing	Librarian; Library services coordinator	Inventory records for McAllen ISD Media Library; Circulation records will show an annual increase.
2.7.2:	Participate in distributed professional development in technology via on-line or distance learning.	State: Original Status: Planned	Ongoing	Campus Staff	Course listings; ERO database.
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>Budget Amount \$</i>					
<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 Status: C	Ongoing	Campus Technology Facilitator; Teachers	Computerized grade reporting at grades 2-5
3.1.2:	Support grade reporting to the district mainframe. (Grades 2-5)	State: Original Status: C	Ongoing	Teachers	VistaNet uploads
OBJECTIVE 3.2: Initiate and implement policies regarding Acceptable Use Policies for MISD staff and students.					

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<i>Budget Amount \$</i>					
<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: C	Ongoing	Principal; CTF; Librarian; Teachers	Internet Agreement Forms on file at campus; training for staff
3.2.4:	Maintain and update e-mail addresses for all staff to improve communication.	State: Original Status: C	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: C	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 campus staff, students, and others.	State: Original Status: C	August/ongoing	CTF; Librarian; Teachers	Signed forms
OBJECTIVE 3.3: Expand community access to school information through technology.					
<i>Budget Amount \$</i>					
<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: C	Ongoing	Principal; Teachers; Campus Technology Committee	eChalk Statistics

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	<ul style="list-style-type: none"> All Parental Involvement Specialists will provide eChalk training for parents 				
OBJECTIVE 3.4: Establish policies to encourage expanded use of school facilities.					
<i>Budget Amount \$</i>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.4.1:	Arrange to open school facilities, as budgets permit, during afternoons to encourage the following: <ul style="list-style-type: none"> Use of library media center Use of computers Use of computer labs Use of tutoring 	State: Original Status: C	2005-2006	Principal; Librarian; Teachers	Sign-in sheets to document attendance
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>
3.5.1:	Contact various representatives from corporations in the community to share technology expertise and consulting information.	State: Original Status: Planned	Ongoing	Principal; Campus Technology Committee	Sign-in sheets, phone records
3.5.2:	Contact staff from South Texas College and the University of Texas Pan American to gain technical expertise and to increase resources.	State: Original Status: C	Ongoing	Principal;	McAllen foundation grant, MITV, lesson plans
3.5.3:	Have guest speakers come to classes throughout the campus to convey how they use technology in their jobs.	State: Original Status: Planned	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.					

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<i>Budget Amount \$</i>					
<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: C	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: C	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: C	April	Principal; Campus Technology Committee; SBDM	Schedule of items to be purchased; Budget
4.1.4:	Purchase hardware and software for classrooms. (Approval by district Technology departments required)	State: Original Status: Planned	Ongoing	Principal; Campus Technology Committee; SBDM	Purchase orders
OBJECTIVE 4.2: Investigate multiple financial arrangements for securing and maintaining workstations, infrastructure and other technologies.					
<i>Budget Amount \$</i>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.1:	Develop and maintain a grant writing team that is trained in grant writing techniques in preparation for grant opportunities in the area of technology.	State: Original Status: C	September	Principal	List of grant writing team members for campus.
4.2.3:	Apply for campus technology grants as they become available.	State: Original Status: C	Ongoing	Teachers	Technology grants submitted for approval
OBJECTIVE 4.3: Increased access to appropriately configured workstations for students and staff in libraries, school offices, and in other work areas, ensuring					

ZAVALA ELEMENTARY SCHOOL Technology Plan

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accessibility for disabled students and staff.					
<i>Budget Amount \$</i>					
<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 campus library and school office.	State: Original Status: C	May	Librarian	Inventory of computers in library and school office
4.3.2:	Ensure accessibility for disabled students and staff.	State: Original Status: C	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: C	April	Campus Technology Committee	Campus Technology Plan
OBJECTIVE 4.4: 100% of all campuses will integrate planning for the district technology infrastructure into all classrooms, libraries, campus and district planning.					
<i>Budget Amount \$</i>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.4.2:	Address technology infrastructure.	State: Original Status: C	April	Principal; SBSDM Team; Campus Technology Committee	Campus Improvement Plan; Report of recommendations
OBJECTIVE 4.6: Increased high speed access to the Internet for students and staff.					
<i>Budget Amount \$</i>					
<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: Original Status: C	October	Campus Technology Facilitator; Principal	Network Management Plan; Computer Associates

OBJECTIVE 4.7: Increase the number of partnerships with public and private entities.					
<i>Budget Amount \$</i>					
<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>Budget Amount \$</i>					
<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: C	Ongoing	Librarian; CTF	Usage records Groiler and United Streaming
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>Budget Amount \$</i>					
<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 Status: C	Ongoing	Principal; Campus Technology Committee	Operational networks
OBJECTIVE 4.11: Replace or reposition obsolete technology and infrastructure on a scheduled basis to ensure maximum efficiency and use.					
<i>Budget Amount \$</i>					
<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: C	Ongoing	Principal Designee/ Librarian	Campus Hardware Inventory

		Status: Planned			
<p>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.</p> <p><i>Budget Amount \$</i></p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.12.2:	Implement e-mail software program for parents to access homework information and leave messages.	State: Original Status: C	Ongoing	Principal; Teachers	e-Chalk content updated.
4.12.4:	Continue to post attendance and grading information from campus computers to Information Systems, via the Internet.	State: Original Status: C	Ongoing	Teachers	VistaNet system in place

Evaluation

Evaluation Process:

Evaluation of the Technology Plan will be a systematic ongoing process. All aspects of the Plan will be evaluated 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
- 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

Appendices

Campus Average for Teacher STAAR Chart

Campus Code: 108906113

Name: ZAVALA ELEMENTARY

Teachers Having Completed STAAR Charts: 23 of 24

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
Advanced	Developing	Developing	Developing	Advanced	Developing

Score: 14
(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	Advanced	Advanced	Developing	Developing

Score: 12
(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
Developing	Advanced	Developing	Developing	Developing

Score: 11
(DEVELOPING)

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

Campus STaR Chart

Campus Code: 108906113 **Principal:** mariella gorena
Name: ZAVALA 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	Developing	Early	Developing	Early	Developing

Score: 10 (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
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: Vision and Planning	N: Technical Support	O: Instructional and Administrative Staffing	P: Budget	Q: Funding
Developing	Developing	Developing	Early	Developing

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	Early	Early	Early

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