



Promoting Success

Lamar Academy's Technology Plan 2005-2007

McAllen Independent School District
McAllen, Texas

McAllen Independent School District

Lamar Academy's Technology Plan

2005-2007

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Acknowledgements

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Executive Summary

Students entering and attending the LAMAR ACADEMY 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 the LAMAR ACADEMY 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 LAMAR ACADEMY are further advanced.

Purpose

Lamar Academy prepared this Campus Technology Plan to articulate a common vision for technology campus wide and identified strategies that will help in the usage of advanced technology. This will improve academic achievement, including technology literacy of all students, ensure 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:

- School Improvement Resource Center (SIRC) Best Practices Conference
- Hardware/software inventory
- Texas Teacher and Campus STaR Chart
- Interviews with site and district administrators and representatives from the **McAllen** community.

- Campus professional development
- Technology Committee meetings
- TCEA conference

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 | 352 | 279 | |
| Percent Economically Disadvantaged | 75.3% | 75.3% | |
| Number of Teachers | 40 | 25 | |
| Current Situation | | | |
| | 2004-2005 | 2005-2006 | 2006-2007 |
| Computer/Student Ratio (number of students for every computer) | .32 | 154 (.55) | |
| Computer/Teacher Ratio (number of teachers for every computer) | .36 | 1:1 | |
| Number of Classrooms with Direct Connection to Internet | 37 | 37 | |
| Percentage of Classrooms with Direct Connection to Internet | 100% | 100% | |

Needs Assessment

Assessment Process

A comprehensive needs assessment utilizing teacher/student surveys, interviews, technology committee meetings, faculty meetings, 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 are available to teachers and students including databases, encyclopedias, and eChalk.
- Video Streaming from United Learning
- Read 180 learning management system (reading)
- Agile Mind learning management system (math)
- Reading Counts- reading program
- Digital cameras, scanners, video cameras, laptops, and digital projectors for checkout
- Access in the library to adult literacy resources on the web for all community members. The campus provides access for adult literacy programs, GED programs and other resources for adult education as well.
- Tech Connect (8th grade)
- TRACK PLUS TAKS prep.

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 attend at least one technology training per year.
- Master teachers and/or District Technology Specialists in the district provide training to teachers after school
- Other training is provided to the campus through content areas, ESC 1, campus-based training, Element K

Technical Support

The following technical support is currently in place.

- Campus Technology Facilitator
- Instructional Technology Specialist
- Computer Lab Manager
- Librarian
- Agile Minds administrator

- Read 180 administrator
- eChalk administrator
- Network Support Team
- Tech Connect Administrator

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.
- Two network drops in every classroom.
- Computer projectors for classroom checkout.
- Three networked (CATE) computer labs
- Networked online card catalog, Internet access, and automated checkout in the library.
- 114 student computers
- 40 teacher computers

Identified Needs

- General technology training
- Technology integration training
- Full-time on-site technology specialist
- One computer per student
- One laptop per teacher
- Math/ Science technology lab
- Social Studies technology lab
- One Smart Board on campus
- Additional graphing calculators for Science Dept.
- Additional CBR/CBLS for science
- Additional ancillary resources including laptops, projectors, video cameras, DVD players, software, television monitors, scanners, laser printers, wireless access points
- Additional grants
- Network server OS upgrade
- Distance learning utilization
- Increase usage of eChalk, United Streaming, Element K
- Tape backup device

Goals & Objectives:

Lamar Academy 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: Planned | Ongoing | Principal; Campus Technology Committee | Department/grade level/faculty meeting agendas; district/campus/department websites; syllabi |
| 1.1.2: | Align the curriculum with the TA-TEKS. | State: Original Status: Planned | Ongoing | Teachers | Course syllabi, curriculum alignment |
| 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, web quests, treasure hunts, digital video, virtual field trips, telementoring | State: Original Status: Planned | Ongoing | Teachers; Principal, Assistant Principal | Course syllabi; Individual grade sheets, 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: Planned | Ongoing | Teachers; Librarian; <i>Computer Lab Instructors</i> | Lab sign-up forms; Teacher lesson plans |
| 1.1.5: | Teach the iSafe Curriculum (Prep. Students) | State: New Status: Planned | Ongoing | Prep Teachers; | Prep 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 educators for Time Equivalency and encourage all staff to achieve technology proficiencies. (see Educator Preparation & Development area) | State: Original Status: Planned | Ongoing | Campus Staff | ERO transcripts; at least 100% of all teachers will have attended at least 2 hours of training each year. |

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| 1.2.2: | Schedule technology training at each campus to address specific needs. | State: Original Status: Planned | Ongoing | Campus Technology Committee; Principal | ERO transcripts; Sign-in sheets, PDAS evaluations |
| OBJECTIVE 1.3: The campus 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 | Ongoing | Campus Technology Committee | Committee agendas; faculty/department meeting agendas; campus website |
| 1.3.2: | Utilize the Technology Application adoption <ul style="list-style-type: none"> ▪ All 6-8 students will receive a TechConnect account. ▪ No less than one teacher per subject area per campus will utilize Technology Application material | State: New Status: Planned | Ongoing | Principal; Teachers | Tech Connect Usage Reports |
| 1.3.3: | Publicize and encourage participation in Technology Applications courses and or advanced CATE courses for graduation credit. | State: Original Status: Planned | Ongoing | Counselor, CATE teachers | Course Schedules, curriculum bulletin |
| 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 software programs for middle and high schools to address the following subject areas: Math, Science, Social Studies, Language Arts, and Electives. | State: Original Status: Planned | Ongoing | Campus Technology Committee; Dept. Chair | Campus Technology Committee agendas, Purchase orders |

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| 1.4.2: | Investigate emerging technologies. (PDA's in the classroom, Electronic textbooks, On-line learning, Distance learning, Digital video, Smartboards, flash Drives, etc.) | State: Original Status: Planned | Ongoing | Campus Technology Committee | Campus Technology Committee agendas, Purchase orders |
| 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 | Campus Technology Committee agendas |
| 1.5.2: | Maintain a Campus Technology Committee to include: Technology Specialist, Librarian, Principal, teachers, students, and community representatives | State: Original Status: Planned | 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 STAAR Charts. | State: New Status: Planned | October | Campus Technology Committee; Principal | STAAR 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>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: Planned | Ongoing | Principal; Special Education teacher, Counselor | Screenings, Evaluations |
| 1.6.3: | Acquire/adapt technologies to ensure equal access for students. | State: Original Status: Planned | Ongoing | Principal; Special Education Teacher | 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 | State: Original | Ongoing | Teachers; Principals; | SPSS;NCS Reports, Admscan, Test Summary reports |

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| | instructional planning at the classroom level. | Status: Planned | | Director of Research and Evaluation; Math Coordinator; Department heads | |
| 1.7.2: | Utilize the curriculum units for instructional planning. | State: Original Status: Planned | Ongoing | Teachers | Course Syllabi |
| 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: | Investigate videoconferencing opportunities to expand curricular offerings. | State: Original Status: Planned | Ongoing | Principal; Teachers | Curriculum |
| 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: Planned | Ongoing | Principal; Teachers | Distance learning evaluations; ERO Certificates |
| 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 campus web sites (such as eChalk, go.groiler, unitedstreaming, and those provided by specific campuses) | State: Original Status: Planned | Ongoing | Librarian | 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: Planned | 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: Planned | Ongoing | Principal; Campus Technology Committee, Librarians, | Purchase orders |

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| | | | | Department heads | |
| 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> |
| 1.10.2: | Inform parent/community organizations (PTA, DAC, PAC, etc.) of campus best technology practices. | State: Original Status: Planned | Ongoing | Principal; Campus Technology Committee; Parental Involvement Specialist | Agendas; list of events held; district/campus websites; technology training/sharing sessions |
| OBJECTIVE 1.11: The campus 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: • 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; Teachers, Campus Technology Committee | Publish incentives and awards to teachers and students on campus websites; IT Newsletter: The Server; MITV, etc. Purchase orders; 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 parents at the following locations: School libraries; Evening study centers | State: Original Status: Planned | Ongoing | Principal; Librarian; Evening study center staff members | Yearly Report, Campus website |
| 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, Computer Literacy Teachers, Librarians, CATE Teachers, and Campus Technology Committee members. | State: Original Status: Planned | Ongoing | Principal | Professional Development database; ERO transcripts |
| 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> |
| 2.2.3: | 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 Status: Planned | Ongoing | Principal; Campus Technology Committee | Information on the Campus Web Page, MITV, and The Server |
| 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: Planned | Ongoing | Principal; Campus Technology Committee | ERO Transcripts; At least one staff member per campus will attend a technology conference and/or a technology leadership session. at least 100% of all teachers will have attended at least 2 hours of training each year, PDAS evaluations |
| 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 (Dana Center) | State: Original Status: Planned | Ongoing | Campus Administrators | ERO transcript |

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| 2.4.2: | Provide training for department heads in data examination. | State: Original Status: Planned | Ongoing | Principal, Department heads | ERO transcript, Sign-in sheets, Agenda |
|--------|--|--|---------|-----------------------------------|--|

OBJECTIVE 2.5: 100% of campuses will integrate planning for technology professional development into all classrooms, campus, and district planning.

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|-------------------|--|--|------------------|-------------------------------|------------------------------------|
| <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: Planned | Ongoing | Teachers | Syllabi; Self- Reports on the PDAS |

OBJECTIVE 2.7: Use a variety of professional development models including distributed, just-in-time professional development for all educators.

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| <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 | Inventory records from McAllen ISD Libraries. |
| 2.7.2: | Participate in distributed professional development in technology via on-line or distance learning (i.e. TSTAR, TETN, etc.). | 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.

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| <i>Strategies</i> | | <i>State/Status:</i> | <i>Timeline:</i> | <i>Person(s) Responsible:</i> | <i>Evidence:</i> |
| 3.1.2: | Support Campus wide computerized progress report system | State: Original Status: Planned | Ongoing | Teachers, CTF, Technology Specialist | Progress Reports, Individualized student server documents |

OBJECTIVE 3.2: Initiate and implement policies regarding Acceptable Use Policies for MISD staff and students.

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| <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: Planned | Ongoing | Principal, CTF, Librarian,Staff | Internet Agreement Forms on file at each campus; Training for staff and students |
| 3.2.4: | Maintain and update e-mail addresses for all staff and students to improve communication (MS Outlook/eChalk). | State: Original Status: Planned | Ongoing | Principal; Campus Technology Facilitator, eChalk administrator, Information Systems | Updated email address list. |
| 3.2.6: | Encourage students to utilize web-based e-mail for educational purposes. | State: Original Status: Planned | Ongoing | Staff | eChalk Statistics; list of activities |
| 3.2.7: | Collect signed AUP forms from MISD staff, students, and others. | State: Original Status: Planned | Ongoing | Librarian, 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 ▪ Continue to increase the number of teachers that will post at least one work and event per month ▪ PTSA will provide eChalk training for parents | State: New Status: Planned | Ongoing | Principal; Teachers; Campus Technology Committee | eChalk Statistics |
| 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> |
| 3.4.1: | Arrange to open school facilities, as budgets permit, during afternoons, evening and/or weekend hours to encourage the following: · Use of library media center · Use of computers · Use of computer labs · Use of evening study centers · Use of tutoring | State: Original Status: Planned | 2005-2006 | Principal; CTF, Night school staff, Counselors | Sign-in sheets to document attendance, Year-end |

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| | | | | | reports |
| 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> |
| 3.5.2: | Contact staff from South Texas College and the University of Texas Pan American, and the University of North Texas to gain technical expertise and to increase resources. | State: Original Status: Planned | Ongoing | Campus Technology Committee | Sign-in sheets |
| 3.5.3: | Have business representatives speak to classes throughout the campus to convey how they use technology in their jobs. | State: Original Status: Planned | Ongoing | Principal, CATE dept. | Career Day agenda |
| GOAL 4: To establish, maintain and update an infrastructure for technology throughout the campus. | | | | | |
| 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 2005-2006. | | | | | |
| <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: Planned | August | Principal; Campus Technology Committee | Schedule of items to be purchased; Budget |
| 4.1.4: | Purchase hardware and software for classrooms and library. (Approval by district Technology Department 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> |
| 4.2.1: | Develop and maintain grant writers that are trained in grant writing techniques in preparation for grant | State: Original | Ongoing | Principal; Department heads | Grants submitted |

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| | opportunities in the area of technology. | Status: Planned | | | |
| 4.2.3: | Apply for campus/teacher technology grants as they become available. | State: Original Status: Planned | Ongoing | Campus Grant writers | 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 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. | State: Original Status: Planned | May | Campus Technology Committee | Inventory of campus computers |
| 4.3.2: | Ensure accessibility for each special needs students and staff. | State: Original Status: Planned | Ongoing | Special Education Teacher; Campus Technology Committee, 504 Coordinator | 504 accommodation plans, Special Ed. Modification Plans |
| OBJECTIVE 4.4: 100% of all campuses 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. | State: Original Status: Planned | Ongoing | Principal; Campus Technology Committee | Campus Improvement Plan; Report of recommendations |
| 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> |
| 4.7.1: | Identify an additional Partner In Excellence or work with an existing Partner who can assist the campuses with the integration of technology into the curriculum. | State: Original Status: Planned | Ongoing | Principal; Teachers; Campus Technology Committee | List of Partners In Excellence and summary of yearly activities |
| 4.7.2: | Investigate the establishment of mentoring partners with state and national universities, corporations, and foundations to integrate technology into the curriculum. | State: Original Status: Planned | Ongoing | Principal; Teachers, Campus Technology Committee | CTC agendas |

| | | | | | |
|---|--|--|------------------|---|------------------------------------|
| 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: Planned | Ongoing | Librarian | Meeting agendas and sign-in sheets |
| 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 Status: Planned | Ongoing | Campus Technology Committee, CTF, Technology Department | Operational networks |
| 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: Planned | Ongoing | CTF | 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> |
| 4.12.4: | Continue to post attendance and progress information from campus computers to Information Systems, via the Internet. | State: Original Status: Planned | Ongoing | Teachers | Progress and attendance reports, |

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: 108906007

Name: LAMAR ACADEMY

Teachers Having Completed STAAR Charts: 29 of 38

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 | Advanced | Developing | Developing | Developing |

**Score: 10
(DEVELOPING)**

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

Campus STaR Chart

Campus Code: 108906007 **Principal:** cindy pena
Name: LAMAR ACADEMY **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 | Developing | Developing | Early | Developing |

Score: 11 (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 |
| Early | Early | Developing | Developing | Developing | Early |

Score: 9 (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 | Early | Developing | Early |

Score: 7 (EARLY) **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 |
| Early | Advanced | Developing | Developing | Developing |

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