



McAllen High School

Promoting Success

McAllen High School Technology Plan 2005-2007

McAllen Independent School District
McAllen, Texas

McAllen Independent School District

McAllen High School Technology Plan
2005-2007

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Executive Summary

The future needs of students entering and attending **McAllen High School** will be dictated by the rapidly changing society of the 21st century. 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 technology in education, business, and industry. It is imperative that **McAllen High School** 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 for 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, and 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**). They are designed to support the delivery of appropriate 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 **McAllen High School** are further advanced.

Purpose

McAllen High School 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. Our purpose is to improve the academic achievement, including technology literacy, of all students through rigorous curriculum standards and the development of critical thinking skills that are essential for academic and workplace success while building 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-based decision making committee meetings
- Campus needs assessment survey
- Campus Technology Committee

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 (TA-TEKS)**, required in the **Texas Education Code, Section 28.002**. The **TA-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 **TA-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 | 1974 | 2033 | |
| Percent Economically Disadvantaged | 56.3% | 61.3% | |
| Number of Teachers | 151 | 134 | |
| Current Situation | | | |
| | 2004-2005 | 2005-2006 | 2006-2007 |
| Computer/Student Ratio (number of students for every computer) | 556(.28) | 436(.21) | |
| Computer/Teacher Ratio (number of teachers for every computer) | 1:1 | 1:1 | |
| Number of Classrooms with Direct Connection to Internet | 96 | 98 | |
| Percentage of Classrooms with Direct Connection to Internet | 98% | 100% | |

Needs Assessment

Assessment Process

A comprehensive needs assessment utilizing equipment usage statistics, teacher surveys, interviews, site-based decision-making meetings, technology committee 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

Existing Technology Resources

The following resources are provided:

- Subscriptions to online resources for teachers and students including research databases, periodical archives, and encyclopedias.
- Educational streaming video content from UnitedStreaming
- Digital cameras, scanners, video cameras, and digital projectors for library checkout, classroom assigned digital projectors, document camera
- Access in the library to adult literacy resources on the web for all community members. The campus website includes links for adult literacy programs, GED programs and other resources for adult education as well.
- Fiber-optic connection to Information Systems where the district has a direct connection to the Internet via DS3 leased line
- Ethernet-to-the-desktop connected computer labs with **five** file servers for classes
- A minimum of four network drops in every permanent classroom
- One networked computer lab with full-time teaching assistant to aid the staff in technology implementation and training
- **100+** networked computers for student use in the library media center
- Networked online card catalog, Internet access, and automated checkout in the library
- **Six** mobile computer labs for teachers to utilize with students in their classrooms
- Distance learning video equipment accessible by all teachers
- Interactive White Boards
- eChalk is available to facilitate teacher/student/parent communication
- Online textbooks
- Making the Grade gradebook program with online grade access available
- Carnegie Learning system
- Follett Destiny library resources
- NovaNet computer lab, Read 180 computer lab, and CEI computer lab
- 9 Career and Technology Education (CATE) computer labs
- Graphing calculators issued to Algebra I students as well as class sets for math and science classrooms, **including TI-89 for Calculus AB students**

- Scientific probes and interfaces for science and math
- **Webcatt test generator/test bank**

Staff Training

The following technology staff development is in place:

- All teachers are **encouraged** to take a yearly survey to assess their technology skills.
- All teachers must attend at least one technology training per year.
- Teachers, librarians, and/or District Technology Specialists in the district will provide training to other teachers after school
- Other training is provided to the campus through content areas, ESC 1, and campus-based training
- A team of teachers are sent to the ESC I Regional Technology Conference each year.

Technical Support

The following technical support is currently in place.

- Campus Technology Facilitator
- Instructional Technology Specialist
- Computer Lab Assistant
- Librarians
- Technology Department
- Network Support Team

Identified Needs

In a survey completed on eChalk earlier this year by staff members, a sincere desire for ability level technology training was expressed. In addition, the technology committee (which has representation from each department) has discussed the need to take the school wireless so that we can enable our technology to be more portable. The mobile labs are always checked out from the library along with the digital video projectors and digital cameras. More of those are needed as well. In completing the STaR chart, it was also determined that we need to have a new push for technology integration into the curriculum. A better response time to technology repair requests is needed, as a significant lag time currently exists.

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:

McAllen High 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. | | | | | |
| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
| 1.1.1: | Inform educators of the TA-TEKS for technology applications courses. | State: Original Status: In progress | Ongoing | Principal; Campus Technology Committee | Department/grade level/faculty meeting agendas; district/campus/department websites, distributed fliers |
| 1.1.2: | Align the curriculum with the TA-TEKS according to content area TEKS objectives. | State: Original Status: In progress | Ongoing | Teachers | Teacher 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: In progress | Ongoing | Teachers; Principal | Teacher lesson plans; Teacher evaluations |
| 1.1.4: | Utilize computer lab 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 (PREP Students) | 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. | | | | | |
| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
| 1.2.1: | Participate in district-wide technology classes for | State: Original | On-going | Campus Staff | ERO transcripts; at least 50% of all |

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| | educators for Time Equivalency and encourage all staff to achieve technology proficiencies. (see Educator Preparation & Development area) | Status: Completed | | | teachers will have attended at least 2 hours of training each year. |
| 1.2.2: | Schedule technology training at each campus to address specific needs. | State: Original Status: Completed | Ongoing | Campus Technology Committee; Principal | ERO transcripts; all campus teachers will have attended eMail and Making the Grade training (as needed). MS Word, Excel, UnitedStreaming, Making the Grade, PowerPoint, Webcatt, eChalk, library database training |
| 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 8 th grade 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: Completed | August-December | Campus Technology Committee | Committee minutes; faculty/department/grade level minutes; campus website |
| 1.3.3: | Publicize and encourage participation in Technology Applications courses and advanced CATE courses for graduation credit. | State: Original Status: Completed | March-May | Counselor | Course Schedules; Curriculum Bulletin; campus website |
| 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 Webcatt, SAT Kaplan | State: Original Status: Planned | As Needed | Campus Technology Committee | TCET Educator's ILS Assessment and Evaluation Kit documentation |
| 1.4.2: | Investigate emerging technologies. (TI-89 | State: Original | Ongoing | Campus Technology | Project reports and recommendations. |

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| | calculators, scientific multi-probes, CPS, Podcasting, PDA's in the classroom, Electronic textbooks, On-line learning, Distance learning, Digital video, Smartboards, student use of Flash Drives) | Status: Planned | | Committee | |
| 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: Librarian, Principal, teachers, students, and community representatives | State: Original Status: Complete | August | Campus Technology Committee; Principal | Campus Technology Committee membership list; meeting dates; agendas |
| 1.5.3 | 80% teachers will complete the Texas STaR Charts. | State: New Status: Planned | 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>Strategies</i> | | <i>State/Status:</i> | <i>Timeline:</i> | <i>Person(s) Responsible:</i> | <i>Evidence:</i> |
| 1.6.1: | Investigate accessibility at McAllen High School for all students to technology-based instruction and to adaptive/assistance devices as needed. | State: Original Status: Complete | Ongoing | Principal; Director Special Education; Special Education contact teachers | Screenings, Evaluations |
| 1.6.3: | Acquire/adapt technologies to ensure equal access for students. | State: Original Status: Complete | Ongoing | Principal; Director Special Education; Special Education contact 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. | | | | | |

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| <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: Complete | Ongoing | Teachers; Principals; Director of Research and Evaluation; Math Coordinator | Classroom intervention plans based on benchmark test scores and previous TAKS data |
| 1.7.3: | Acquire/utilize technologies to support MAST (McAllen Assistance Team) team. | State: Original Status: Planned | September 2006 | Student assistance interventionist; Asst. Principal | Purchase orders for hardware; Student evaluation templates |
| 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: Complete | Ongoing (As needed) | 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: Planned | Ongoing | Principal; Teachers; Librarians; District Technology Specialists | 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, Digital Knowledge Central, United Streaming, and those provided by specific campuses) | State: Original Status: Complete | August | Librarian | Campus website |
| 1.9.2: | Increase awareness of best available technologies | State: Original | Ongoing | Campus Technology | Training agendas; emails; campus website |

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| | by training staff and students to utilize available technologies and digital content. | Status: Complete | | Committee; Librarians; Teachers | |
| 1.9.3: | As funds become available, ensure that the best available technologies are available in the school libraries and classrooms. | State: Original Status: Complete | Ongoing | Principal; Campus Technology Committee | Documentation to support special projects. |
| 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 (PTSO, DAC, PAC, etc.) of campus best technology practices. | State: Original Status: Complete | Ongoing; March (Texas Public School Week) | Principal; Campus Technology Committee; Parental Involvement Specialist; Librarians | 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: Complete | Ongoing | Principal; Campus Technology Committee; Librarians | 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> |

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|---------|---|---|---------|------------------------------------|---------------|
| 1.12.3: | Provide access to the Internet for parents at the Go Center, computer labs . | State: Original Status: Complete | Ongoing | Principal; Go Center staff members | Yearly Report |
|---------|---|---|---------|------------------------------------|---------------|

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.

OBJECTIVE 2.1: Each campus will utilize the Instructional Technology department professional development services for campus (technology) staff.

| <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 assistant, Computer Literacy Teachers, Librarians, CATE Teachers, and Campus Technology Committee members. | State: Original Status: Complete | Ongoing | Principal | ERO transcripts; 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> |
|-------------------|--|---|------------------|--|--|
| 2.2.3: | 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: Complete | 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: | 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 |

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| | | Complete | | | technology 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 (AEIS-IT) | State: Original Status: Planned | Ongoing | Campus Administrators | ERO transcript |
| 2.4.2: | Provide training for teachers in data examination (AEIS-IT). | State: Original Status: Planned | Ongoing | Teachers | ERO transcript |
| 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 (professional development section). | State: Original Status: Complete | Ongoing | Teachers | Teachers' Lesson Plans; 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. | | | | | |
| <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: Complete | Ongoing | Librarian | Inventory records for McAllen ISD Media Library; Circulation records |
| 2.7.2: | Participate in distributed professional development in technology via on-line or distance learning (i.e. TSTAR, | State: Original | Ongoing | Campus Staff | Course listings; ERO database. |

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| | TETN, etc.). See 2.6 | Status: Complete | | | |
| 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 Status: Complete | Ongoing | Campus Technology Facilitator; Teachers | Computerized grade reporting at grades 9-12. |
| 3.1.2: | Support grade reporting to the district mainframe. (Grades 9-12) | State: Original Status: Complete | Ongoing | Teachers | MTG uploads operational |
| 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: Complete | Ongoing | Principal; All campus staff | Internet Agreement Forms on file at each campus; training for staff |
| 3.2.4: | Maintain and update e-mail addresses for all staff and students to improve communication (eChalk/MS Outlook). | State: Original Status: Complete | 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: | Ongoing | Teachers; Principal; Campus Technology Committee; Librarians | eChalk Statistics; list of activities |

| | | | | | |
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| | | Planned | | | |
| 3.2.7: | Collect signed AUP forms from MISD staff, students, and others. | State: Original Status: Complete | August/ongoing | Principal Designee | 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 eChalk email and total logins ▪ Ensure at least 75% of teachers will post at least one work and event per month ▪ All Parental Involvement Specialists 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 mornings, afternoons, evenings 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 | 2006-2007 | Principal; Librarian | 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: | Ongoing | Principal; Campus Technology Committee | Sign-in sheets, phone records |

| | | | | | |
|--------|--|---|---------|------------|-------------------------------------|
| | | Complete | | | |
| 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: Complete | Ongoing | Principal; | Sign-in sheets, phone records |
| 3.5.3: | Have business representatives speak to classes throughout the campus to convey how they use technology in their jobs. | State: Original Status: Complete | Ongoing | Principal | Teachers' lesson plans; Career Fair |

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 3:1 for 2006-2007.

| <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: Complete | 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: Complete | 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 | Ongoing | Principal; Campus Technology Committee | Schedule of items to be purchased; Budget |
| 4.1.4: | Purchase hardware and software for classrooms. (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 a grant writing team that is trained in grant writing techniques in preparation for grant opportunities in the area of technology. | State: Original Status: Complete | September | Principal; | List of grant writing team members for each campus. |
| 4.2.3: | Apply for campus/teacher technology grants as they become available. | State: Original Status: Complete | Ongoing | Campus Grant Writing Teams; Grant Writer | 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 the campus library and school offices. | State: Original Status: Complete | May | Campus Technology Committee | Inventory of computers in library and school office |
| 4.3.2: | Ensure accessibility for disabled students and staff. | State: Original Status: Complete | September | Principal; Director Special Education; Special Education contact 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 | August | 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>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 | April | Principal; SBSDM Team; Campus Technology | Campus Improvement Plan; Report of recommendations |

| | | | | | |
|---|--|---|------------------|--|---|
| | | Status: Planned | | Committee | |
| 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> |
| | | | | | |
| 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: | Establish mentoring partners with state and national universities, community colleges, corporations, and /or foundations to integrate technology into the curriculum. | State: Original Status: Complete | Ongoing | Principal; Teachers | Mentoring agreements |
| 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: Complete | Ongoing | Librarian | Usage records Digital Knowledge Central 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>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: | Ongoing | Principal; Campus Technology Committee | Operational networks |

| | | | | | |
|---|--|---|------------------|-------------------------------|--|
| | | Complete | | | |
| 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> |
| 4.11.2: | Expand the offerings of elective courses to Career & Technology students to learn to upgrade, repair, and maintain equipment using recycled parts as part of their training. | State: Original Status: Complete | Ongoing | Principal | Course schedules and enrollment |
| 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: Complete | 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> |
| 4.12.2: | Implement voice mail/e-mail software program for attendance, phone contacts, and for parents to access homework information and leave messages. | State: Original Status: Complete | Ongoing | Principal; Teachers | Campus voice mail systems in place. 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: Complete | 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

Appendix

Campus Average for Teacher STAAR Chart

Campus Code: 108906001

Name: MCALLEN HIGH SCHOOL

Teachers Having Completed STAAR Charts: 17 of 162

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 |
| Advanced | Advanced | Developing | Advanced | Advanced | Advanced |

Score: 17
(ADVANCED)

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 | Advanced | Advanced | Advanced | Advanced | Advanced |

Score: 18
(ADVANCED)

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