



*Promoting Success*

# **Brown Middle School Technology Plan 2005-2007**

McAllen Independent School District  
McAllen, Texas

McAllen Independent School District

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BROWN MIDDLE SCHOOL Technology Plan  
2005-2007

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## Technology Plan Committee

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## Executive Summary

Students entering and attending the BROWN MIDDLE SCHOOL 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 BROWN MIDDLE 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 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 BROWN MIDDLE SCHOOL are further advanced.

### \*Purpose

Brown Middle School has prepared this Campus Technology Plan to articulate a common vision for technology in the district and identify the strategies that will help us use advanced technology to improve the academic achievement, including technology literacy, of all students of rigorous curriculum standards and the development of critical thinking skills that are essential for academic and workplace success and build the capacity of all teachers to integrate technology effectively into curriculum and instruction.

### Background

This plan is based on information drawn from many sources including: A review of the literature to identify best practices

- Hardware inventory
- Texas Teacher STaR Chart
- Interviews with site and district administrators and representatives from the **McAllen** community.
- School site meetings

**Parameters**

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

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

\*Demographics ( 200 Computers)

	2004-2005	2005-2006	2006-2007
Total Student Enrollment	888	858	
Percent Economically Disadvantaged	94.1%	93.2%	
Number of Teachers	62	61	
<b>Current Situation</b>			
	2004-2005	2005-2006	2006-2007
Computer/Student Ratio (number of students for every computer)	200(.23)	197(.23)	
Computer/Teacher Ratio (number of teachers for every computer)	3:1	3:1	
Number of Classrooms with Direct Connection to Internet	100%	100%	
Percentage of Classrooms with Direct Connection to Internet	100%	100%	

## Needs Assessment

### \*Assessment Process

A comprehensive needs assessment utilizing teacher/student surveys, interviews, focus group sessions, inventories and the Texas Campus and Teacher STaR Chart was conducted to analyze the current status of technology in the 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/STAR reading programs
- Ultra Key
- DVD players
- ActivBoards
- Dyslexia Lab/CEI
- Read 180
- 3 Computer Labs
- 2 Mobile Lab (43 computers)
- Digital cameras, scanners, and digital projectors
- Access in the library to adult literacy resources on the web for all community members. The district website includes links for adult literacy programs, GED programs and other resources for adult education as well.
- Electronic Registrar Online (ERO)

#### \*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 are encouraged to attend at least two technology trainings per year.
- Campus Technology Team/District Technology Specialists in the district will provide training to other teachers after school
- Other training is provided to the district through content areas, ESC 1, campus-based training
- A team of teachers 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
- Campus 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 labs with two file servers for classes.
- 4 wireless access points
- Four network drops in every classroom (may or may not work).
- Multimedia projectors for classroom checkout.
- 200 computers available for students, which includes two networked computer labs, two mobile labs and one full-time teacher to aid the staff in technology implementation and training.
- Networked online card catalog, Internet access, and automated checkout in the library.
- At least 1 computer for every teacher

### **Identified Needs**

*Summarize the technology related needs and issues as identified in the teachers' and administrators' surveys, interviews, meetings, etc. For example, equitable access to technology, ongoing professional development, more support for the integration of technology into the curriculum, technical support, etc.*

- Funding for hardware and software
- Networked laser printers
- On-going professional development
- More Mobile Lab carts
- More Projectors
- Portable Digital Assistants (PDAs)
- Upgrade computer lab hardware/software
- Media setup in the cafeteria (Projector, DVD player, Sound system)

\*Goals & Objectives:

Brown Middle 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

<b>TEACHING AND LEARNING</b>					
<b>GOAL 1: To focus on the instructional needs of teachers and the learning needs of students in meeting the vision of technology in education.</b>					
<b>OBJECTIVE 1.1:</b> 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; Vice Principal;	Department/grade level/faculty meeting agendas; district/campus/department websites; lab posters
1.1.2:	Align the curriculum with the TA-TEKS.	State: Original Status: Planned	Ongoing	Teachers	Teacher classroom instruction
1.1.3:	Utilize technology-related activities to support the integration of the TA-TEKS into the TEKS. I.e. Word processing, Powerpoint, spreadsheet, database, Internet activities, multimedia projects, webquests, treasure hunts, digital video, virtual field trips, telementoring	State: Original Status: Planned: Ongoing	Ongoing	Teachers; Principal; Vice Principals	Teacher lesson plans; Teacher evaluations, Teacher 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: <b>Modified</b> Status: Planned: Completed	Ongoing	Teachers; Librarian; VP; <i>Computer Lab Manager</i>	Lab sign-up forms; Teacher lesson plans
<b>OBJECTIVE 1.2:</b> 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	On-going	Campus Staff	ERO transcripts; at least 100% of all teachers will have attended at least 2 hours of technology training each year.
1.2.2:	Schedule technology training at campus to address specific needs.	State: Original Status: Completed	Ongoing	Campus Technology Committee; Principal, District Technology Specialists	ERO transcripts; all campus teachers will have attended MS Outlook and Making the Grade training (as needed).
<b>OBJECTIVE 1.3:</b> The district will strive to have 100% of students achieve the technology proficiencies according to the benchmarks for Technology Applications TEKS.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.3.1:	Campus technology committees will review the TA-TEKS technology proficiencies expected of students each year. Comments: Campus technology committee will share results of review with faculty. TA-TEKS technology proficiencies posted on all campus websites.	State: Original Status: Planned	August-December	Campus Technology Committee, Principal	Committee minutes; faculty/department/grade level minutes; campus website
1.3.2:	Utilize the Technology Application adoption <ul style="list-style-type: none"> <li>▪ All 6-8 students will receive a TechConnect account.</li> <li>▪ No less than one teacher per subject area per</li> </ul>	State: <b>New</b> Status: Planned	Ongoing	Principal; Teachers	TechConnect Usage Reports

	campus will utilize Technology Application material				
<b>OBJECTIVE 1.4:</b> 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 to address the following subject areas: Math, Science, Social Studies, Language Arts, and Electives.	State: Original Status: Planned	As Needed	Campus Technology Committee, Department Chairpersons	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, Electronic boards, eChalk file storage, student use of Flash Drives)	State: Original Status: Completed	Ongoing	Campus Technology Committee, Principal	Instructional Technology project reports and recommendations.
<b>OBJECTIVE 1.5:</b> 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: District Technology Specialist, Librarian, Principal, teachers, students, and community representatives	State: Original Status: Completed	August	Campus Technology Committee; Principal	Campus Technology Committee membership list; meeting dates; agendas

1.5.3	100% of campuses and 80% teachers will complete the Texas STaR Charts.	State: New Planned	October	Campus Technology Committee; Principal	STaR Chart Statistics
<b>OBJECTIVE 1.6:</b> Increased accessibility by all students to technology-based instruction and to adaptive/assistive devices, training and support, as appropriate.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.6.1:	Investigate accessibility at each campus for all students to technology-based instruction and to adaptive/assistance devices as needed.	State: Original Status: Completed	Ongoing	Principal; Director Special Education; Teachers, RSD.	Screenings, Evaluations, IEPs
1.6.3:	Acquire/adapt technologies to ensure equal access for students.	State: Original Status: Completed	Ongoing	Principal; Director Special Education; Teachers, RSD.	Purchase orders; IEP
<b>OBJECTIVE 1.7:</b> 100% of Instructional staff will utilize student performance data and curriculum materials that are provided and managed electronically in instructional planning.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.7.1:	Utilize disaggregated data and Benchmark Testing for instructional planning at the classroom level.	State: Original Status: Completed	Ongoing	Teachers; Principals; Director of Research and Evaluation; Math Coordinator	AEIS-IT;NCS Reports
1.7.2:	Utilize the curriculum units for instructional planning.	State: Original Status: Planned	Ongoing (pending funding)	Teachers; Subject Area Coordinators	Teachers' lesson plans
1.7.3:	Acquire/utilize technologies to support MAST (McAllen Assistance Team) team.	State: Original Status: Planned	September 2005	Drug Free Schools/Campus Nurse, MAST Counselor	Purchase orders for hardware; Student evaluation templates

<b>OBJECTIVE 1.8:</b> 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: Planned	Ongoing	Principal; Teachers	Distance learning evaluations
1.8.2:	Participate in on-line courses, virtual field trips, interactive curricular CD's and other distance learning or digital content services.	State: Original Status: Planned	Ongoing	Principal; Teachers	Distance learning evaluations; ERO Certificates; Lesson plans
<b>OBJECTIVE 1.9:</b> 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 eChalk, go.groiler, unitedstreaming, and those provided by specific campuses)	State: Original Status: Completed	August	Librarian; Teachers; CTF	Campus website United Streaming Student Contest
1.9.2:	Increase awareness of best available technologies by training staff and students to utilize available technologies and digital content.	State: Original Status: Completed	Ongoing	Campus Technology Committee; Librarian, Lab Teacher	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: Completed	Ongoing	Principal; Campus Technology Committee	Documentation to support special projects. Purchase orders. Laptops and projectors purchased for 7 <sup>th</sup> grade teachers. Graphing Calculators for math teachers.

<b>OBJECTIVE 1.10:</b> 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 (DAC, PAC, etc.) of campus best technology practices.	State: Original Status: Completed	Ongoing	Principal; Campus Technology Committee; Parental Involvement Specialist	Agendas; list of events held; district/campus websites. EChalk parent presentation.
<b>OBJECTIVE 1.11:</b> The district and campuses will provide incentives for use of new effective models, tools, and resources for teaching and learning. <i>Donations</i>					
<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; Campus Technology Committee	Publish incentives and awards to teachers and students on district websites; IT Newsletter: The Server; MITV, etc.; Supportive documentation, AR Store
<b>OBJECTIVE 1.12:</b> 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 (If space available) for students at the following locations: School libraries; Computer labs	State: Original Status: Completed	Ongoing	Principal; Computer lab manager; Librarian;	Yearly Report; sign-in sheets

**EDUCATOR PREPARATION AND DEVELOPMENT**

**GOAL 2: To provide for training of educators in using technology to teach and learn and to use technology to provide equitable access to quality professional development. View details about our staff development program in Appendix E**

**OBJECTIVE 2.1:** Allocate at least 30 percent of technology allotment and 25 percent of NCLB Title II Part D for professional development .

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.1.1: Ensure that on-going professional development is attended by Campus Technology Facilitators, campus lab managers, Computer Literacy Teachers, Librarians, and Campus Technology Committee members.	State: Original  Status: Completed	Ongoing	Principal	Professional Development database; Records of attendance at technology conferences or training sessions

**OBJECTIVE 2.2:** 100% of campuses will be encouraged to provide opportunities, incentives, and support for educators to develop model practices in the integration of teaching, learning, and technology.

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.3: 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 District Web Page, MITV, and The Server Information on the District Web Page, 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.

<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 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 2 hours of training each year.
<b>OBJECTIVE 2.4:</b> 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	Department Chairpersons, Teachers	Agendas and sign-in sheets
<b>OBJECTIVE 2.5:</b> 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: Completed	Ongoing	Teachers	Teachers' Lesson Plans; Self- Reports on the PDAS (Professional development section of the self report).

<b>OBJECTIVE 2.7:</b> Use a variety of professional development models including distributed, just-in-time professional development for all educators.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.7.1:	Offer a wide variety of multimedia materials (videotapes, CD's, DVD's, etc.) to provide instruction in technology integration and use of software for teachers.	State: Original  Status: Planned	Ongoing	Librarian; Library services coordinator	Inventory records for McAllen ISD Media Library; Circulation records will show an increase.
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.
<b>ADMINISTRATION AND SUPPORT SERVICES</b>					
<b>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.</b>					
<b>OBJECTIVE 3.1:</b> 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: Completed	Ongoing	Campus Technology Facilitator; Teachers, District Technology Specialist	Computerized grade reporting at grades 6-8
3.1.2:	Support grade reporting to the district mainframe. (Grades 6-8)	State: Original	Ongoing	Teachers, District Technology	MTG uploads operational

		Status: Completed		Specialist, Vice Principal	
<b>OBJECTIVE 3.2:</b> 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: Completed	Ongoing	Principal; Librarian, CTF	Internet Agreement Forms on file at each campus; training for staff
3.2.4:	Maintain and update e-mail addresses for all staff to improve communication.	State: Original  Status: Completed	Ongoing	Principal; Campus Technology Facilitator, Principal's Secretary	Updated email address list.
3.2.6:	Encourage students to utilize web-based e-mail for educational purposes.	State: Original  Status: Completed	Ongoing	Teachers; Principal; Campus Technology Committee	List of email addresses; list of activities; lesson plans; eChalk report
3.2.7:	Collect signed AUP forms from MISD staff, students, and others.	State: Original  Status: Completed	August/ongoing	Librarian	Signed forms
<b>OBJECTIVE 3.3:</b> 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"> <li>▪ Prepare students for online learning through the use of discussions, surveys, homework drop box, student</li> </ul>	State: <b>New</b>  Status:	Ongoing	Principal; Teachers; Campus Technology Committee	eChalk Statistics

	<ul style="list-style-type: none"> <li>portfolios, and email</li> <li>▪ Ensure at least 90% of eChalk accounts are activated</li> <li>▪ Ensure a 20% increase in use of student email and total logins</li> <li>▪ Ensure at least 75% of teachers will post at least one work and event per month</li> <li>▪ All Parental Involvement Specialists will provide eChalk training for parents</li> </ul>	Completed			
<b>OBJECTIVE 3.4:</b> 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 tutoring	State: Original  Status: Planned	2005-2006	Principal; Librarian	Sign-in sheets to document attendance. Before and afterschool computer use in Library.
<b>OBJECTIVE 3.5:</b> 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 in the community to share technology expertise in the classrooms throughout the campus.	State: Original  Status: Planned	Ongoing	Principal; Campus Technology Committee	Sign-in sheets, phone records
<b>GOAL 4: To establish, maintain and update an infrastructure for technology throughout the district.</b>					
<b>OBJECTIVE 4.1:</b> Meet the technology equipment targets for students adopted in the Long Range Plan for Technology of a workstation ratio of 4:1 for 2004-2005.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>

BROWN MIDDLE SCHOOL Technology Plan

McAllen Independent School District

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	April	Principal; Campus Technology Committee	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; Electives Department Chairpersons, RSD	Purchase orders
<b>OBJECTIVE 4.2:</b> 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: Planned	September	Principal; Technology Committee.	List of grant writing team members for each campus.
4.2.3:	Apply for campus technology grants as they become available.	State: Original Status: Planned	Ongoing	Principal, Teachers	Technology grants submitted for approval
<b>OBJECTIVE 4.3:</b> 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.					

BROWN MIDDLE SCHOOL Technology Plan

McAllen Independent School District

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.3.1:	Determine the number of computers available in each campus library and school office.	State: Original Status: Planned	May	Campus Technology Committee, Librarian, CTF	Inventory of computers in library and school office
4.3.2:	Ensure accessibility for disabled students and staff.	State: Original Status: Planned	September	Director Special Education; Principal; Teachers, RSD	Responses to campus and other requests
4.3.3:	Prepare a plan to augment the availability of computers in the campus library and offices.	State: Original Status: Planned	April	Campus Technology Committee, Librarian, CTF	Campus Technology Plan
<b>OBJECTIVE 4.4:</b> 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: Completed	April	Principal; Campus Technology Committee, CTF	Campus Improvement Plan; Report of recommendations
<b>OBJECTIVE 4.6:</b> Increased high speed access to the Internet for students and staff.					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.6.4:	Develop a plan to implement network management tools.	State: Original Status: Planned	October	Campus Technology Facilitator; Principal, District Technology Specialist, Information Systems.	Network Management Plan; Computer Associates
<b>OBJECTIVE 4.7:</b> Increase the number of partnerships with public and private entities.					

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.7.1:	Identify an additional Partner In Excellence or work with an existing Partner who can assist the campus with the integration of technology into the curriculum.	State: Original Status: Planned	Ongoing	Principal; Computer Teacher	List of Partners In Excellence and summary of yearly activities
<b>OBJECTIVE 4.9:</b> 100% of Instructional Staff will be encouraged to participate in the comprehensive state technology system.					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.9.2:	Publicize and provide training in utilization of library resource-sharing programs and initiatives such as interlibrary loan, online information databases and electronic reference materials.	State: Original Status: Completed	Ongoing	Librarian; CTF	Usage records Grolier and United Streaming
<b>OBJECTIVE 4.10:</b> Design, install, and maintain a technology and telecommunications infrastructure for communications and service to ensure equitable access for all campuses and the community.					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.10.3:	Support, maintain, and upgrade campus networks.	State: Original Status: Completed	Ongoing	Principal; Information Systems	Operational networks
<b>OBJECTIVE 4.11:</b> Replace or reposition obsolete technology and infrastructure on a scheduled basis to ensure maximum efficiency and use.					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:

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	Principal Designee, Librarian	Campus Hardware Inventory
<b>OBJECTIVE 4.12:</b> 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:	Maintain e-mail software program (eChalk, for parents to access grades).	State: Original  Status: Planned	Ongoing	Principal; Teachers	e-Chalk content updated.

## 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 STaR Chart

**Campus Code:** 108906044      **Principal:** yvette cavazos  
**Name:** BROWN MIDDLE SCHOOL      **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: <a href="#">The Impact of Technology on Teacher Role and Collaborative Learning</a>	B: <a href="#">Patterns of Teacher Use</a>	C: <a href="#">Frequency/Design of Instructional Setting Using Digital Content</a>	D: <a href="#">Curriculum Areas</a>	E: <a href="#">Technology Applications TEKS Assessment</a>	F: <a href="#">Patterns of Student Use</a>
Developing	Advanced	Advanced	Advanced	Developing	Developing

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

## II. Educator Preparation

G: <a href="#">Content of Training</a>	H: <a href="#">Capability of Educators</a>	I: <a href="#">Leadership and Capabilities of Administrators</a>	J: <a href="#">Models of Professional Development</a>	K: <a href="#">Levels of Understanding and Patterns of Use</a>	L: <a href="#">Technology Budget Allocated to Technology Professional Development</a>
Advanced	Developing	Advanced	Developing	Developing	Developing

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

## III. Administration and Support

M: <a href="#">Vision and Planning</a>	N: <a href="#">Technical Support</a>	O: <a href="#">Instructional and Administrative Staffing</a>	P: <a href="#">Budget</a>	Q: <a href="#">Funding</a>
Advanced	Advanced	Developing	Developing	Advanced

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

## IV. Infrastructure for Technology

R: <a href="#">Students per Computer</a>	S: <a href="#">Internet Access Connectivity/Speed</a>	T: <a href="#">Distance Learning</a>	U: <a href="#">LAN/WAN</a>	V: <a href="#">Other Technologies</a>
Developing	Target	Developing	Advanced	Developing

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

## Campus Average for Teacher STAAR Chart

**Campus Code:** 108906044

**Name:** BROWN MIDDLE SCHOOL

**Teachers Having Completed STAAR Charts:** 28 of 65

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

### I. Teaching and Learning

A: <a href="#">Teacher Use of Technology in Instruction</a>	B: <a href="#">Productive Use of Technology for Instructional Purposes</a>	C: <a href="#">Design of Instructional Setting for Student Use of Technology</a>	D: <a href="#">Content Area Connections</a>	E: <a href="#">Integration of Technology Applications TEKS</a>	F: <a href="#">Patterns of Student Use</a>
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: <a href="#">Professional Development Experience</a>	H: <a href="#">Technology Capabilities</a>	I: <a href="#">Technology Leadership Mentoring and Modeling</a>	J: <a href="#">Continuum of Professional Development Models</a>	K: <a href="#">Levels of Understanding</a>	L: <a href="#">Technology Professional Development</a>
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: <a href="#">Technology Vision and Planning</a>	N: <a href="#">Technical Support</a>	O: <a href="#">Instructional Technology Resources (Staff/Online)</a>	P: <a href="#">Budget</a>	Q: <a href="#">Classroom Technology</a>
Advanced	Developing	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: <a href="#">Students per Computer in Classroom</a>	S: <a href="#">Internet Access Connectivity/Speed in the Classroom</a>	T: <a href="#">Distance Learning Opportunities</a>	U: <a href="#">LAN/WAN Access</a>	V: <a href="#">Other Technologies</a>
Developing	Advanced	Developing	Developing	Developing

**Score: 11  
(DEVELOPING)**

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