

MATHIS ISD Technology Plan

2007 - 2010

Dr. Luis Gonzalez

SUPERINTENDENT

DISTRICT PROFILE

ESC Region	2
City, State Zip	MATHIS, TX 78368-1179
Phone	(361) 547-3378
Fax	(361) 547-4198
County District Number	205904

Number of Campuses	4
Total Student Enrollment	1900
District Size	1,600 - 2,999
Percent Econ. Disadvantaged	82.90%

Technology Expenditures	\$1,125,850.00	
Technology budgets reported in plan by category	Teaching and Learning Budget	\$183,000.00
	Educator Preparation and Development Budget	\$29,550.00
	Leadership, Administration and Support Budget	\$132,500.00
	Infrastructure for Technology Budget	\$780,800.00
	Total:	\$1,125,850.00
Technology Expenditure Per Pupil	\$592.55	
Number of Campuses with Direct Connection to Internet	4	
Percentage of Campuses with Direct Connection to Internet	100.00%	
Number of Classrooms with Direct Connection to Internet	160	
Percentage of Classrooms with Direct Connection to Internet	100.00%	
Computer/Student Ratio	3 student(s) for every computer	
Computer/Teacher Ratio	1 teacher(s) for every computer	
Number of campuses that need to complete the Texas Campus STaR Chart	4	
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %	

Plan Introduction

Plan Last Edited 06/05/2007

Plan status:	approved
Years Included in the Plan:	2007 - 2010
Number of years covered by the plan:	3
Years Approved for the Plan:	2007 - 2010
Number of approved years:	3

Technology Planning Committee

Diana Sanchez, Computer Lab Teacher, Weber-Hardin Elementary
Linda Flores, Computer Lab Teacher, Weber-Hardin Elementary
Judy Coffin, 1st Grade Teacher, Weber-Hardin Elementary
Ninfa Dominguez, Computer Lab Teacher, Intermediate School
Tracy Bierstedt, 6th Grade Teacher, Intermediate School
Becky Smith, English Language Arts, McCraw Jr. High
Ana Lisa Trejo, skills Teacher, McCraw Jr. High
Sandra Costilla, Librarian, McCraw Jr. High
Walter Scott, Technology Applicatons, Mathis High School
Laura Guerra, Librarian, High School
David Wieland, CATE Coordinator, Mathis High School
Joe Rosales, Network Administrator
Rosa Gracia, District Technology Coordinator
Alfredo Vela, Administrator for Business & Service Operations
Orlean Henicke, Special Programs Coordinator
Romelia Leal, District Instructional Coordinator
Elisa Flores, Parent

Executive Summary

Purpose

Mathis ISD has prepared this Technology Plan to identify and articulate a common vision for technology in the district and identify the strategies that will help us to incorporate advanced technology into the instructional program to enhance learning, improve academic achievement, and develop higher order thinking skills, and to increase the capacity of all teachers to effectively integrate technology into curriculum and instruction.

Background

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

- A survey and inventory of school site hardware and instructional media.
- A survey of teachers.
- Interviews with teachers, campus and district administrators, and representatives from the Mathis community.
- Campus SBDM meetings
- District Technology Committee Meetings
- Experience from other school districts
- Texas Star Chart, Texas Long Range Plan for Technology SBEC technology standards for teachers, the Technology Application TEKS, and Learning for the 21st Century

Parameters

This Long-Range Technology Plan is driven by the state curricular standards and supports the educational mission and instructional goals of Mathis 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 the newly adopted Technology Applications Standards for Beginning Teachers.

Vision Statement

Through integrating learning skills and 21st century tools, Mathis ISD students will fully understand material in a current context that will allow them to function effectively in personal, community, and workplace environments.

Mission Statement

The students of today must be able to work and compete in an ever-changing global society in the 21st century. Many jobs today did not exist ten years ago. The U.S. Dept. of Labor and Education formed the Secretary's Commission on Achieving Necessary Skills (SCANS) to study the kinds of competencies and skills that workers must have to succeed in today's workplace. According to this report, the work environment our students will be entering will be a dynamic one, and schools must prepare students for this challenge. The jobs people have today may be transformed tomorrow. One of the necessary skills identified is technology - the ability for an employee to select the appropriate technology, apply it to a specific task, and maintain and troubleshoot technology equipment. In keeping with the philosophy of the Mathis Independent School District's vision, the mission is to prepare an individual who will be productive and proficient in the use of emerging technologies and will be able to apply those technologies to the task at hand. This individual will be able to think critically and creatively, access and communicate information, manage complexity, solve problems, and work collaboratively.

Integrating technology benefits every curricular area. It has the potential to transform schools and assist in preparing students for future success in the workplace. The plan encourages coordination across all education programs for all learners, and requires effort on the part of educators to remain current in emerging technologies. It necessitates the maintenance and expansion of the infrastructure and learning resources to meet teachers and students needs.

General Introduction

The Mathis Independent School District is a public K-12 AAA district composed of one PK-3 elementary school, one 4th-6th intermediate level elementary school, one junior high school, and one high school. These schools serve a student population of 1894, 81 percent of whom are approved for free or reduced-price lunch. At this time, Mathis ISD qualifies for an 87% E-rate discount. Forty-eight percent of the student body is considered at-risk. The demographic breakdown of the district is as follows: Hispanic - 91%, Anglo - 8 %, and Other - 1%. Mathis ISD is located in South Texas in San Patricio county.

As of the 2000 census, Mathis had a total population of 5034. According to http://www.fact-index.com/m/ma/mathis_texas.html, Mathis has a median income per household in the city of \$20,015, and a median income for a family of \$23,793. The per capita income for the city is \$8516. Population below the poverty line is 38.2%, with 31.4% of families below, according to the above source.

Needs Assessment

Assessment Process:

A comprehensive needs assessment utilizing staff interviews, focus group sessions, and surveys were conducted to analyze the current status of technology in the district and determine future needs. Items analyzed included: infrastructure, hardware, software, programs, student achievement, technology resources, staff development, and technical support. Findings from this needs analysis are as follows.

Existing Conditions:

Current Situation

The following technology is currently in place:

District-Wide

- Direct connection to the Internet via T1 leased line to the Education Service Center, Region 2., and via 2 T1 leased lines to the Texas A&M network as members of the San Patricio Technology Consortium
- District web servers in place providing district information, technology applications, and student scores.
- Written policies in place on acceptable use of the Internet and World Wide Web content, and equipment checkout policies
- Two distance learning labs are currently available for students and staff. One utilizes Tandberg equipment purchased earlier through a TIF grant and a second has been installed as part of a wireless distance learning grant in partnership with Texas A&M University, Kingsville.
- One district technology coordinator, one district technician, and one network manager/programmer/analyst.
- District Software includes Microsoft Office, File Maker Pro, Norton Anti-Virus, and AppleWorks on all teachers and staff members Macintosh computers, and AppleWorks and Norton Anti-Virus on all Mac student computers, with Microsoft Office on some of them.
- The district has decided to change to a PC platform except in certain circumstances such as Technology Applications at high school. About half of the 1200+ district computers are now PCs. Accelerated Reader, Sleek software, and AutoSkills is site-licensed for each campus
- Miscellaneous software as purchased by campuses is available on a campus level.
- A total of seven mobile distance learning labs have been purchased for the district and allocated to campuses.
- The district network has been restructured by an outside company so that each campus is on a virtual LAN.
- Changes have been made to the network policies by the network analyst, with more anticipated for the 2006-2007 school year.

Mathis High School

- Direct connection to the Internet via T1 leased lines.
- High Speed LAN connects all staff and students.
- Five fiber-backbone, Ethernet-to-the-desktop connected computer labs. Technology application classes, including desktop publishing, web mastering, digital graphics and animation, and multimedia are offered along with CATE courses in Business Image Management and Multimedia, Computer Networking, and BCIS. Two of the labs are available for teachers to take their classes to use computers.
- Computer projectors on the campus for classroom checkout.
- Networked online card catalog, Internet access, and automated checkout in the library.
- Library computers available for student use
- Five+ network drops per classroom
- Site license for Macromedia MX 2004
- Two Mobile Laptop Carts with 24 PCs available for checkout to classroom for student use

McCraw Junior High School

- Direct connection to the Internet via T1 leased lines.
- High Speed LAN connects all staff and students.
- Two fiber-backbone, Ethernet-to-the-desktop connected computer labs for keyboarding and computer literacy classes.
- Computer projectors on the campus for classroom checkout.
- Networked online card catalog, Internet access, and automated checkout in the library.
- Library computers available for student use

- Five networked drops per classroom
- Mobile Laptop Cart with 24 PCs available for checkout to classroom for student use, with another practical cart.

Mathis Intermediate School

- Direct connection to the Internet via T1 leased lines.
- High Speed LAN connects all staff and students.
- Four network drops in every classroom.
- Computer projectors on the campus for classroom checkout.
- Full-time teaching assistant for AutoSkills and Sleek remediation in lab
- Networked online card catalog, Internet access, and automated checkout in the library for use with Mathis Intermediate and Weber/Hardin Elementary.
- Library computers available for student use
- Mobile Laptop Cart with 24 PCs available for checkout to classroom for student use

Weber/Hardin Elementary Campus

- Direct connection to the Internet via T1 leased lines.
- High Speed LAN connects all staff and students.
- Four network drops in every classroom.
- Computer projectors on campus for classroom checkout.
- One networked computer lab with full-time teacher to aid the staff in technology implementation and training of students of both campuses, K-1
- One networked computer lab with full-time teaching assistant for AutoSkills and Sleek remediation

Telecommunications Services

Currently, all students and staff members in the school district have access to the Internet, through a direct connection (as cited above in the Statement of Existing Conditions). LANs are in place on every campus.

- Mobile Laptop Cart with 24 PCs available for checkout to classroom for student use

Inventory

The latest inventory of current technology available for student use in Mathis ISD is available in the technology office, as recorded and sent by campuses. As equipment is received throughout the year, it is added to the inventory.

Support Staff

- Technology Coordinator (district-wide)
- One Technician (district-wide)
- One Network Manager/Systems Analyst

Maintenance and repair of workstations is provided by the technology department. Replacement of parts such as mouse balls and mice is to be handled by the campuses. If a problem arises with a computer, the user should complete a troubleshooting form, which then must be sent to the district technician, who works on the Macs and printers. The Network Analyst works on the PC problems. Work orders are logged in order that they are received, and repaired based on priority order of essential services.

Technology Needs:

Needs identified by surveys, interviews, and meetings were:

- more computers in classrooms, including ISS at high school
- upgrade current teacher and student computers
- increase the number of printers
- continued staff development in program use and integration
- more software for campuses

Goals, Objectives, and Strategies

GOAL 1: Teachers and students will have access to modern computers and advanced technology, including access to the Internet.

OBJECTIVE 1.1: Twenty percent of computers will be upgraded or replaced per year.

Budget Amount \$360,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
 NCLB Correlates: 03, 05, 06

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.1.1:	Purchase 150 new computers per year Comments: It is recommended that some of the computers purchased be in the form of mobile labs so they can be moved and used as needed, in classrooms, libraries, and labs, to increase the number of computers available. LEA LRPT Correlates: I03, I04, I05, I06, I07, LAS01, TL06	State: Original Status: Planned	2007 - 2010	Technology Coordinator, Federal Programs Director, Business Manager	purchase orders, invoices

OBJECTIVE 1.2: Instructional/Administrative network will remain efficient and effective, with less than 2% down time per year.

Budget Amount \$302,600.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
 NCLB Correlates: 03, 05, 06, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.2.1:	Lease T1 lines for Internet Access LEA LRPT Correlates: I02	State: Original Status: Planned	2007 - 2010	Business Manager, Technology Coordinator	Invoices and/or billing statements
1.2.2:	The District will purchase and configure email server LEA LRPT Correlates:	State: Original Status: Planned	2007	Technology Coordinator	purchase orders, invoice, working e-mail accounts
1.2.3:	The District will purchase new web server	State: Original	2008	Technology Director	Purchase Orders

	LEA LRPT Correlates:	Status: Planned			
1.2.4:	Purchase Internet Access from Internet Service Provider LEA LRPT Correlates: I02, TL08	State: Original Status: Planned	2007 - 2010	Technology Coordinator, Business Manager	Invoices
1.2.5:	The District will outsource network maintenance and support LEA LRPT Correlates: I02	State: Original Status: Planned	2007 - 2010	Technology Coordinator	contract
1.2.6:	Hire an additional technician to help repair and maintain computers and LAN LEA LRPT Correlates: I02, I03, I04, I05, I06, I07	State: Original Status: Planned	2007	Technology coordinator	employee records, payroll
1.2.7:	Fifty additional ethernet drops will be allocated per campus per year to increase access or repair broken drops. Comments: Caution will be taken when moving equipment or furniture so that drops and/or boxes are not broken. Equipment must be unplugged before being moved. Campus surveys are to be conducted and reports made to evaluate any damage. LEA LRPT Correlates: I02, I03, I04, I05	State: Original Status: Planned	2007 - 2010	Technology coordinator, campus principals	Decreased switches in rooms
<p>OBJECTIVE 1.3: Shared access to multimedia equipment will be available and used on all of the campuses</p> <p><i>Budget Amount \$99,000.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 01, 02, 03, 05, 06, 12</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.3.1:	Purchase 25 multimedia projectors per year LEA LRPT Correlates: TL06	State: Original Status: Planned	2007 - 2010	Technology Coordinator	purchase orders, campus inventories
1.3.2:	Purchase 4 digital still and 4 video cameras each year for each campus	State: Original	2007 - 2010	Campus Principals, Technology	purchase orders

	LEA LRPT Correlates: TL01, TL05, TL06, TL08, TL12	Status: Planned		Coordinator	
1.3.3:	Teachers and staff members will be required to set-up and use multimedia equipment LEA LRPT Correlates: LAS03, LAS10, TL06, TL07	State: Original Status: Planned	2007 - 2010	Campus Principals	lesson plans, walk-throughs
1.3.4:	Purchase three portable video conferencing systems Comments: One in each year of the plan LEA LRPT Correlates:	State: Original Status: Planned	2007 - 2010	Technology Coordinator	Purchase orders
<p>OBJECTIVE 1.4: Networked laser printers shall be available on each campus</p> <p><i>Budget Amount \$19,200.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 03</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.4.1:	8 laser printers shall be purchased for use by campuses per year, following standards. LEA LRPT Correlates: TL06	State: Original Status: Planned	2007 - 2010	Technology Coordinator	purchase orders, invoices
<p>OBJECTIVE 1.5: The district will upgrade telecommunications infrastructure to include an IP based phone system</p> <p><i>Budget Amount \$100,000.00</i> <i>LRPT category: Leadership, Administration and Support</i></p> <p>E-Rate Correlates: NCLB Correlates: 03, 05, 06, 09, 12</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.5.1:	The district will research IP Phone system options LEA LRPT Correlates:	State: Original Status: Planned	2007 - 2008	Technology Staff, Business Department	meeting notes
1.5.2:	Purchase and install IP Phone system LEA LRPT Correlates:	State: Original Status: Planned	2007 - 2008	Technology Staff, Business Department	Purchase orders

1.5.3:	Provide training to district personnel on phone system features and usage LEA LRPT Correlates: LAS03, LAS06	State: Original Status: Planned	2007 - 2008	Technology Staff	Training logs
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GOAL 2: Instructional staff will be able to use technology to improve education.

OBJECTIVE 2.1: Staff members will be able to communicate via the district's email system.

Budget Amount \$0.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.1.1: Classes will be provided or campus technology mentors will instruct new staff members in how to set-up and use e-mail LEA LRPT Correlates: TL02, TL05	State: Original Status: Planned	2007 - 2010	Technology Coordinator, Technician, Technology Mentors	e-mail accounts set-up, e-mail used
2.1.2: Staff members with e-mail accounts will be able to set-up, maintain and use their e-mail Comments: Principals should use e-mail as one means of communication with staff members. LEA LRPT Correlates: I02, TL06, TL07	State: Original Status: Planned	2007 - 2010	Campus principals, Technology coordinator, Technician, Tech contact	E-mail sent and received

OBJECTIVE 2.2: Campus technology mentors will assist instructional staff

Budget Amount \$4,050.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 03, 04a, 04b

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.1: Technology mentors will attend TCEA state conference with technology team, to get updated information and training. LEA LRPT Correlates: EP03, EP08, LAS03, LAS06, TL02,	State: Original Status: Planned	2007 - 2010	Technology coordinator, curriculum supervisor, principals	Attendance records, travel forms, purchase orders and registration forms.

	TL05, TL07, TL09				
2.2.2:	Campus technology mentors will attend TCEA Area 2 Conference LEA LRPT Correlates: EP03, EP05, EP08, LAS03, LAS06, TL06	State: Original Status: Planned	2007 - 2010	Campus Principals, Technology Coordinator	records of troubleshooting requests, faculty meeting agendas
2.2.3:	The district will provide basic troubleshooting training for all campus technology mentors. LEA LRPT Correlates:	State: Original Status: Planned	2007 - 2010	technology director	sign in sheets
OBJECTIVE 2.3: Teachers will meet minimum technology competency skills as described by SBEC.					
<i>Budget Amount \$16,500.00 LRPT category: Educator Preparation and Development</i>					
E-Rate Correlates: ER02 NCLB Correlates: 01, 04b, 06					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.3.1:	Continue membership in ESC technology cooperative and schedule staff development in technology competencies LEA LRPT Correlates: EP07, LAS10, LAS12, TL02, TL06, TL07	State: Original Status: Planned	2007 - 2010	Curriculum Administrator, Technology Coordinator	Sign-in sheets, attendance rosters
2.3.2:	Local District personnel will provide skills based technology staff development on an ongoing, regular basis LEA LRPT Correlates: EP07, LAS03, LAS06, LAS12, TL02, TL06, TL07	State: Revised Status: Planned	2007 - 2010	Technology Coordinator	sign-in sheets, evaluation forms, products, student products
2.3.3:	Campus principals will evaluate staff in terms of SBEC standards via STARchart input LEA LRPT Correlates: EP08, TL11, TL14	State: Original Status: Planned	2007 - 2010	Campus principals	STAR Chart, Campus Improvement Plan
2.3.4:	Staff will receive professional development opportunities through distance learning, when appropriate LEA LRPT Correlates: LAS12, LAS15	State: Original Status: Planned	2007 - 2010	Technology director, campus principals	sign in sheets

OBJECTIVE 2.4: Teachers will be able to effectively integrate technology into their curriculum.

Budget Amount \$0.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01, 04b

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.4.1: The district will schedule staff development opportunities in technology integration via the ESC2 Technology Cooperative LEA LRPT Correlates: EP07, LAS06, LAS12, LAS13	State: Original Status: Planned	2007 - 2010	Technology Coordinator	Sign-in sheets, lesson plans
2.4.2: The district will schedule staff development opportunities in technology integration to be provided by local staff members. LEA LRPT Correlates: EP07	State: Original Status: Planned	2007 - 2010	Technology Director	travel forms, purchase orders

OBJECTIVE 2.5: All technology staff members will maintain technology proficiencies to support and maintain instructional and administrative goals.

Budget Amount \$6,000.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 03, 04a, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.5.1: Technology staff will be given opportunities to attend training in computer and/or network maintenance and/or repair LEA LRPT Correlates:	State: Revised Status: Planned	2007 - 2010	Technology coordinator, network manager, technician	purchase orders, travel forms
2.5.2: Technology coordinator and network manager will attend professional meetings, workshops, and conferences in technology LEA LRPT Correlates: TL02, TL06	State: Revised Status: Planned	2007 - 2010	Technology coordinator	purchase orders, travel requests

OBJECTIVE 2.6: The district will offer a technology training incentive program.

Budget Amount \$3,000.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.6.1: Purchase incentives to be given to teachers who attend trainings and/or demonstrate mastery of technology competencies, and who practice technology implementation in the classroom, LEA LRPT Correlates: EP05	State: Original Status: Planned	2007 - 2010	Technology coordinator	sign-in sheets, lesson plans, student projects

GOAL 3: Student performance will increase through technology integration.

OBJECTIVE 3.1: Teachers will integrate technology into the curriculum by implementing all technology elements in the core curriculum TEKS.

Budget Amount \$0.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 07, 11

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.1.1: Technology integration will be part of District and Campus Improvement Plans LEA LRPT Correlates: I01, I08, LAS01, LAS02, LAS04, TL06, TL09	State: Original Status: Planned	2007 - 2010	Administrator for curriculum, Campus principals	Campus Improvement Plan
3.1.2: Lesson plans will document integration of the Technology TEKS into the curriculum. LEA LRPT Correlates:	State: Original Status: Planned	2007 - 2010	Principals	Lessons on file, student projects
3.1.3: Teacher presentations and student projects will incorporate multimedia resources. LEA LRPT Correlates: EP04	State: Original Status: Planned	2007 - 2010	Principals, Teachers	Lessons on file, sample student projects and portfolios
3.1.4: Students will use online resources to collaborate, and to research and analyze information. LEA LRPT Correlates: LAS15, TL04, TL06	State: Original Status: Planned	2007 - 2010	Principals	Lesson plans, student projects

3.1.5:	Students will utilize digital media for technology integration. LEA LRPT Correlates: TL05	State: Original Status: Planned	2007 - 2010	Administrator for curriculum, Technology coordinator	digital content available
3.1.6:	Students at the junior high school will use the Internet to gather data for science and history fair projects LEA LRPT Correlates: TL07	State: Original Status: Planned	2007 - 2010	Teachers. Librarian	student projects
3.1.7:	QUIZhub will be utilized in the high school computer lab to support curriculum in core areas of instruction LEA LRPT Correlates: TL07	State: Original Status: Planned	2007 - 2010	Librarian	use of software
3.1.8:	Teachers will be trained district-wide to use Cambridge, a TEKS/TAKS based assessment item bank software system LEA LRPT Correlates: TL06, TL09, TL12	State: Revised Status: Planned	2007 - 2010	Curriculum facilitator, technology department, deputy superintendent	Generated tests, increased TAKS scores
3.1.9:	GT students will integrate technology into advanced projects, as designed by their teachers LEA LRPT Correlates: TL07, TL08	State: Original Status: Planned	2007 - 2010	GT teachers, ISTs	lesson plans, completed projects
3.1.10:	Campuses will identify, discuss, and promote curricula and teaching strategies that integrate technology into the curriculum, based on a review of relevant research and best practices LEA LRPT Correlates: TL07	State: Original Status: Planned	2007 - 2010	Campus principals	agendas, lesson plans, interviews
3.1.11:	Lightning rod committee will investigate emerging technologies for possible implementation based on evaluation, needs assessment, and current data LEA LRPT Correlates: EP09, LAS01, LAS02, LAS07, LAS13, TL04, TL05, TL06, TL07	State: Original Status: Planned	2007 - 2010	Lightning rod committee	product evaluations, reports, teacher input

OBJECTIVE 3.2: The district will provide expanded curricular offerings through distance learning classes.

Budget Amount \$4,500.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 08					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Distance learning classes will be scheduled via the ESC2 Distance Learning Network on a per offering basis. LEA LRPT Correlates: LAS13, LAS15, TL07, TL15	State: Original Status: Planned	2007 - 2010	Principal, counselors	class rosters
3.2.2:	Distance learning classes will be scheduled via the TAMUK Wireless Distance Learning Network on a per offering basis. LEA LRPT Correlates: EP02, I01, I08, LAS13, LAS15, TL06, TL07, TL09, TL15	State: Original Status: Planned	2007 - 2010	Technology coordinator, Campus principal, Counselors	equipment functional and working for distance learning classes
3.2.3:	Other distance learning courses and programs will be scheduled as the opportunity arises. LEA LRPT Correlates: TL05, TL07, TL15	State: Original Status: Planned	2007 - 2010	Campus principal, teachers, librarian	lab schedule
<p>OBJECTIVE 3.3: Students in the discipline alternative education program or at high school requiring grade recovery or drop-out prevention, will have an online education program available for use.</p> <p><i>Budget Amount \$150,000.00</i> <i>LRPT category: Teaching and Learning</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 01, 03, 06, 07, 08, 12</p>					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.3.1:	Subscribe to NovaNet for student use LEA LRPT Correlates: TL05, TL06, TL09, TL12	State: Original Status: Planned	2007 - 2010	Federal programs director	grades, graduation records
<p>OBJECTIVE 3.4: Students and staff will be given opportunities to use modern software programs</p> <p><i>Budget Amount \$21,000.00</i> <i>LRPT category: Teaching and Learning</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 01, 07, 12</p>					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.4.1:	A software review committee will	State:	2007 -	Administrator for	sign-in sheets,

	be formed consisting of teachers to evaluate and make purchase recommendations regarding software for use by students LEA LRPT Correlates: TL09	Original Status: Planned	2010	curriculum, Technology coordinator, Campus principals	software evaluation forms
3.4.2:	Purchasing of virus software for district computers will be continued on a yearly basis. LEA LRPT Correlates: I02, I07	State: Original Status: Planned	2007 - 2010	Technology coordinator	purchase orders, invoices, working virus protection software
<p>OBJECTIVE 3.5: Adaptive technology will be provided for special needs students to increase their access to technology tools.</p> <p><i>Budget Amount \$4,500.00</i> <i>LRPT category: Teaching and Learning</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 03, 12</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.5.1:	Evaluate student needs for adaptive technology LEA LRPT Correlates: TL06	State: Original Status: Planned	2007 - 2010	Special Education Director	IEPs
3.5.2:	Purchase adaptive hardware and software based on evaluated needs. LEA LRPT Correlates:	State: Original Status: Planned	2007 - 2010	Special Education Director	Purchase Orders
<p>OBJECTIVE 3.6: All of the campuses will have the opportunity to positively impact the parental and other adult learning community through technology.</p> <p><i>Budget Amount \$3,000.00</i> <i>LRPT category: Teaching and Learning</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 09, 10, 12</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.6.1:	The Mathis ISD web site will be maintained and updated with information for community members, including campus websites and link to resources for best technology practices, adult literacy, and continuing educational opportunities. LEA LRPT Correlates: I02, I09,	State: Original Status: Planned	2007 - 2010	Web Master, Campus principals, Librarian	Mathis ISD web site

	LAS09, TL16				
3.6.2:	All staff will be encouraged to utilize electronic means to communicate student progress to parents, including e-mail communication, when suitable. LEA LRPT Correlates:	State: Original Status: Planned	2007-2010	Campus principals	Logs of parental contacts made
3.6.3:	Parents will be informed at Parent Involvement Meetings of the Mathis ISD web site and given the URL to access it, as well as being told that they can communicate with Mathis ISD teachers through e-mail, as suitable. LEA LRPT Correlates: I09	State: Original Status: Planned	2007 - 2010	Campus principals	Parent Involvement Meeting agendas

GOAL 4: The staff will use technology to evaluate student data and track student progress in order to make sound curriculum and program decisions.

OBJECTIVE 4.1: The professional staff will use a database program to evaluate success on the state TAKS test.

Budget Amount \$18,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 11, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.1.1: A program to monitor TAKS results and track historical TAAS/TAKS data will be purchased and updated with the latest results yearly LEA LRPT Correlates: EP06, LAS08, TL09, TL12	State: Original Status: Planned	2007 - 2010	Administrator for curriculum	purchase order, software reports, curricular changes will be made based on TAKS test results

OBJECTIVE 4.2: All teachers will have the ability to track progress on student readiness software and make curricular decisions based on results

Budget Amount \$4,500.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 11, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.1: Purchase and install Sleek Corporation software at Intermediate and Junior High	State: Original	2007 - 2008	Curriculum Director, Technology Staff	Purchase orders

	Campuses LEA LRPT Correlates:	Status: Planned			
4.2.2:	Provide update training for administrators and staff in the use of Sleek software and reports LEA LRPT Correlates: EP07, EP09	State: Original Status: Planned	2007 - 2008	Administrator for curriculum	meeting agendas, sign-in sheets
<p>OBJECTIVE 4.3: All campuses will have electronic assessment programs which can be utilized in the classrooms</p> <p><i>Budget Amount \$10,000.00</i> <i>LRPT category: Leadership, Administration and Support</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 01</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.3.1:	Refresher training will be given to help teachers fully utilize Facts Online, Webccat, and Cambridge assessment systems available on campus, LEA LRPT Correlates: EP05, TL06, TL12	State: Original Status: Planned	2007 - 2010	Campus principals, campus personel who attended E-Instruction training	walk-throughs, sign-in sheets, lesson plans
<p>OBJECTIVE 4.4: District technology committees will meet on a regular basis for technology planning and implementation evaluation</p> <p><i>Budget Amount \$0.00</i> <i>LRPT category: Leadership, Administration and Support</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 02, 03, 04a, 06, 07, 11</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.4.1:	The Lightning Rod committe will meet regularly to discuss future trends in educational technology and their impact on the district and future technology needs. LEA LRPT Correlates:	State: Original Status: Planned	2007 - 2010	Technology coordinator, district administrators	Membership list, sign-in sheets
4.4.2:	The Filtering Committee will meet regularly to evaluate needs and make recommendations for instructional software. LEA LRPT Correlates:	State: Original Status: Planned	2007 - 2010	Technology Coordinator, District Administration	Membership list, sign-in sheets
4.4.3:	Technology Committee will meet	State:	2007 -	Technology	Membership list,

	a minimum of twice per year to evaluate overall progress of technology plan implementation and incorporate recommendations from other technology related committees into future technology plans. LEA LRPT Correlates: LAS01, LAS02	Original Status: Planned	2010	Coordinator, District Administrators	sign-in sheets
<p>OBJECTIVE 4.5: All students, parents, and staff shall be informed of district technology policies</p> <p><i>Budget Amount \$0.00</i> <i>LRPT category: Leadership, Administration and Support</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 12</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.5.1:	Students, parents, and staff members will be responsible for following the district's Acceptable Use Policy LEA LRPT Correlates:	State: Original Status: Planned	2007 - 2010	Technology coordinator, campus principals, students, parents, staff Members	Signed policies on file on campuses
4.5.2:	Training program in the process of giving staff and parents access to the online EDP system using resources LEA LRPT Correlates: LAS11	State: Original Status: Planned	2007 - 2010	PEIMS Clerk	Signed policies on file at Central Office

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$32,010.00

Method of application for formula funds: Local Application

Budget year 2007		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$8,850.00	91% Title, Part D 2% CATE 3% Tech Allotment 4% SCE
Telecommunications & Internet Access	\$31,700.00	87% E-rate 13% Local
Materials & Supplies	\$14,500.00	67% SCE 14% Tech Allotment 4% Title I, Part A 11% Title II, Part A 2% CATE >1% IDEA-B >1% Bilingual >1% GT
Equipment	\$267,900.00	87% E-rate 13% Local
Maintenance	\$63,000.00	87% E-rate 13% Local
Miscellaneous Expenses	\$61,400.00	100% SCE
Total	\$447,350.00	
Budget year 2008		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$8,850.00	91% Title, Part D 2% CATE 3% Tech Allotment 4% SCE
Telecommunications & Internet Access	\$31,700.00	87% E-rate 13% Local
Materials & Supplies	\$10,000.00	65% SCE 15% Tech Allotment 4% Title I, Part A 12% Title II, Part A 2% CATE >1% IDEA-B >1% Bilingual >1% GT
Equipment	\$167,900.00	87% E-rate 13% Local

Maintenance	\$63,000.00	87% E-rate 13% Local
Miscellaneous Expenses	\$61,300.00	100% SCE
Total	\$342,750.00	

Budget year 2009

Budget item	Cost	Funding Sources with amount per source
Staff Development	\$8,850.00	91% Title, Part D 2% CATE 3% Tech Allotment 4% SCE
Telecommunications & Internet Access	\$31,700.00	87% E-rate 13% Local
Materials & Supplies	\$10,000.00	65% SCE 15% Tech Allotment 4% Title I, Part A 12% Title II, Part A 2% CATE >1% IDEA-B >1% Bilingual >1% GT
Equipment	\$160,900.00	87% E-rate 13% Local
Maintenance	\$63,000.00	87% E-rate 13% Local
Miscellaneous Expenses	\$61,300.00	100% SCE
Total	\$335,750.00	

Evaluation

Evaluation Process:

The campus principals will be responsible for conducting on-going evaluations of the technology program through Teacher STAR charts and Campus STAR charts, educator Technology Application Standards for all beginning teachers, based on the Technology Application TEKS for Grades 6-8, as well as other evaluation techniques. The intention of the evaluation is to have data on which to base decisions on the impact that technology has on the learning process for all students. Evaluations must be made at the campus level to ensure that learning skills and 21st century skills are being used together to build content knowledge.

The Mathis ISD technology committee will meet a minimum of twice yearly to monitor and evaluate progress on the district technology plan. Campus committee members will bring data from their campuses to share, and the results of the evaluation will be distributed and shared with committee members.

Additionally, there will be system of checks and balances through the formation of a "lightning rod" committee which will meet to be kept abreast of the latest technology and evaluate the plan and its direction.

The technology plan will be revised yearly based on evaluation data

Evaluation Method:

The Technology Committee will be responsible for the on-going evaluation of the technology plan. Texas STAR Chart results for each campus will be reported by the campus principals and will be used to make decisions on the impact that technology has on the learning process for all students. STAR Chart data for each campus will also be used to help assess progress towards meeting the Long Range Plan for Technology.

Data will be compiled at the campus level and a report will be given to the technology coordinator after each formal evaluation occurs.

Evaluation of the network upgrade and the purchasing of additional computers will include completed purchase orders, decreased downtime on the local network, and equipment inventoried and functional.

Evaluation of educator preparation and development will be done by registration forms, sign-in sheets and attendance lists, and the superintendent's twice yearly report from the ESC2.

STAR chart results for each campus will be used to help the campus SBDMs and principals, the technology committee, and the lightning rod committee assess the progress toward meeting the goals of the Texas Long-Range Plan for Technology, 1996-2010: Teaching and Learning, Educator Preparation and Development, Administration and Support Services, and Infrastructure for Technology.

Evaluation of the integration of technology into the classroom in all curriculum areas will be done by the campus principals through frequent informal walk-throughs, number and type of technology and distance learning projects done by students in the classroom, lesson plans, observations, and the appraisal process. Conferencing with teachers will provide additional information regarding the level of implementation. Additionally, reports by the ESC will provide an evaluation of the level of integration taking place.

Evaluation of administration and support services will be done through informal interviews and surveys, and TAKS test results.

Other methods for evaluation can include:

- observation
- surveys of the staff in regards to their use of technology in the classroom
- sign-up schedules for computer labs and distance learning labs
- informal interviews conducted once a semester by the campus Technology Plan Committee representative
- inventory of hardware and software
- support and maintenance of technology as documented by technical support records
- completed purchase orders
- TEKS based curriculum

MATHIS ISD does not discriminate on the basis of sex, disability, race, color, age, or national origin in its educational programs, activities, or employment as required by Title IX, Section 504 and Title VI.