

**Morgan County R-I School District  
701 North Oak Street  
Stover, Missouri**

**School and Community Profile**

The Morgan County R-I School is located in Stover in mid-Missouri. The population of the town is 968. The district includes the western half of Morgan County and a small section in Benton County and extends from the southern edge of the county into the northern fourth of the county. The southern edge of the district is on the northern extreme of the Lake of the Ozarks known as Ivy Bend and the northern edge of the district extends into the Florence community, an agricultural region. It is the school that ties these areas together.

The total enrollment of the school is 776. The elementary has an enrollment of 30 in Preschool and 270 in grades Kindergarten through four. The middle school has an enrollment of 271 in grades 5 through 8, and the high school has an enrollment of 205 for grades 9 through 12. The High School, Middle School and Elementary are physically joined and each has their own wing of the building. The newest addition is the middle school that was completed in January 2002. The Preschool and the Alternative School are housed separately in two buildings next to the main building. Students on the free and reduced lunches are 60 percent.

The largest employer in the district is the school. The businesses in the community are few and employ small numbers, and people have to seek employment in surrounding towns. The community includes agriculture, commerce, services, and tourism.

**MORGAN COUNTY R-I SCHOOL DISTRICT  
701 NORTH OAK STREET  
STOVER, MISSOURI**

**TECHNOLOGY PLAN  
2006-2009**

**COMMITTEE**

The technology committee for the Morgan County R-I School District was selected by asking local patrons who are committed to the school and its students and staff. Since there are a limited number of businesses in the community, the patrons selected often support the school in a variety of ways. The committee meets in April of each year to review the Technology Plan. Informal and email communications are used during the year for comments and suggestions regarding technology in the district.

**TECHNOLOGY COMMITTEE**

<b>Name</b>	<b>Position/Membership Group(s)</b>	<b>TFA</b>
Vi Dale	Lions Club Local Business	Student Learning Teacher Preparation and Delivery of Instruction
Rick Everhart	Technology Director Parent Local Business	Student Learning Teacher Preparation and Delivery of Instruction Administration/Data/Communication Resource Distribution and Use Technical Support
Janice Gerken	Middle School Principal Curriculum CSIP	Student Learning Teacher Preparation and Delivery of Instruction Administration/Data Management/Communication Processes Resource Distribution and Use
Dan Hartman	Head Custodian Support Staff Building Maintenance	Resource Distribution and Use Technical Support
Britany Lutjen	Elementary Student	Student Learning Resource Distribution and Use
Kathy Meyer	Middle School Science MAP Team	Student Learning Teacher Preparation and Delivery of Instruction Resource Distribution and Use
Kathy Nolting	Parent PTO Member	Student Learning Resource Distribution and Use
Roy Poynter	High School Counselor CSIP	Student Learning Teacher Preparation and Delivery of Instruction Administration/Data Management/Communication Processes
Mary Rumans	Business Teacher PDC	Student Learning Teacher Preparation and Delivery of Instruction

	ISTE Team	Administration/Data Management/ Communication Processes Resource Distribution and Use Technical Support
Stacey Starr	Elementary Teacher Curriculum Committee MAP Team PDC	Student Learning Teacher Preparation and Delivery of Instruction Resource Distribution and Use
Brenda Steffens	Librarian Technology ISTE Team CSIP PDC	Student Learning Teacher Preparation and Delivery of Instruction Administration/Data Management/ Communication Processes Resource Distribution and Use Technical Support
Jessica Tiejn	High School Student	Student Learning Resource Distribution and Use
Connie Viebrock	Chamber Commerce Local Newspaper	Student Learning Resource Distribution and Use
Jackie Wilkerson	Superintendent CSIP	Student Learning Teacher Preparation and Delivery of Instruction Administration/Data Management/ Communication Processes Resource Distribution and Use
Earl Wilson	High School Teacher	Student Learning Teacher Preparation and Delivery of Instruction Resource Distribution and Use
Jayla Wilson	Middle School Student	Student Learning Resource Distribution and Use
Jim Witte	Board Member Booster Club	Student Learning Resource Distribution and Use
Carman Haag	Teacher Parent ISTE Team PTO Member	Student Learning Teacher Preparation and Delivery of Instruction
Molly Roe	Emints Teacher ISTE Team	Student Learning Teacher Preparation and Delivery of Instruction

**Detailed Committee Review of Previous Technology Plan's Activities, Outcomes and Overall Progress**

<b>GOAL</b>	<b>RESULT</b>	<b>STATUS</b>
All classrooms will have Internet access.	Pre-School and Alternative School now access the LAN, curriculum, and Internet with a wireless access.	Completed

HS and MS computer labs need to be updated to Windows 2000.	35 computers were upgraded	Completed
Older computers need to be updated.	32 new computers were added for classrooms, media center, and administration. More are needed.	Ongoing as funds allow
Printers are old and worn out and need to be updated.	Classrooms share laser printers using printer servers on the network.	Ongoing as funding allows
EMINTS grant to be written	Grant was written and approved for 2 third grades	Ongoing for year 2
District email for staff	All staff has uniform email addresses and a district email has been established.	Completed
Technology In-service for staff	Sessions have been scheduled each year	Ongoing
Hubs need to be changed to switches	Changes were made	Complete
New domain server needed to handle staff/student login	New mcr1 domain server installed	Complete; upgrade and maintenance is an ongoing process
Utilizing MCR1 domain server to its potential	Curriculum, student records and all logins work thru the domain	Ongoing
Curriculum aligned with Show-me Standards online	Teachers aligned the curriculum with the Show-Me Standards via school LAN	Complete
More wireless labs could be used in the HS.	FACS room added a wireless lab of 5 computers.	Ongoing as funds allow
More educational software is needed for MS and HS	HS has added Geometry Software and Music has added SmartMusic.	Ongoing as funds allow

### **SCHOOL AND CSIP MISSION STATEMENT**

The Morgan County R-I District holds high expectations for every student, regardless of socio-economic status, race or gender. Education is the power to change and change leads to growth of the whole child including academic performance and social/emotional behaviors. It is our mission to bring about growth in every child.

### **TECHNOLOGY MISSION STATEMENT**

It is the technology mission of the Morgan County R-I School District to bring about positive change to allow for the growth of the whole child by incorporating technology into the educational

environment. This technological environment will allow the individual to become a life-long learner and promote the use of and applications of technologies needed for higher achievement and for their success in a modern society. The mission of promoting and using technology applications includes not only students but also staff, and to provide the technical support to maintain technology within the district.

### **TECHNOLOGY VISION STATEMENT**

**It is the responsibility of the Morgan County R-I School District to prepare students for the constantly changing information-age, technological society. In order to achieve this, both staff and students need to develop competencies in the use of and application of all available technology. This dictates the need of students and staff to have access to and knowledge of technology skills needed in a modern society.**

A technology plan will be developed and revised as a guide to provide adequate and up-to-date technologies and necessary resources in the district to enhance student learning and support the district's curriculum, to align with the Morgan County R-I Comprehensive School Improvement Plan, the Missouri Show-Me Standards, the State Education Technology Goals and Objectives, and the five Technology Focus Areas.\* The district will provide the technical support to maintain technology within the District and to provide training for all teachers, administrators, and staff.

\*The five technology Focus Areas are Student Learning, Teacher Preparation, Administration, Resources, and Technical Support.

### **District's CSIP Relating to Technology**

#### **CSIP Goals**

1. Maintaining high student achievement.
2. Hiring and maintaining quality, certified staff.
3. Improving differentiated and supplemental programs.
4. Maintain grounds and facilities to meet or exceed state and federal levels to provide for student safety.
5. Providing appropriate instructional resources and equipment to teachers and students.

**Student Achievement:** Addresses CSIP Objectives 1, 2, 3, and 5. Student scores in all grades tested by the MAP will increase annually and students will be reading at grade level by the end grade 4. Computer-based reading strategies such as Accelerated Reader and Star Reader will be used in K-5. eMINTS rooms will be expanded beyond the third grade. Teachers will integrate technology into the curriculum for inquiry-based learning. Technology literacy checklist will be used to evaluate all eighth graders in technology growth according to our Title IID goals.

**Teacher Preparation:** Addresses CSIP Objectives 1, 2 and 5. The district will work collaboratively with the PDC to develop-high quality professional development activities which includes technology in-service training, workshops and eMINTS training. Training will be provided to all staff on current technologies and equipment. Teachers will have a list of technology competencies that should be mastered.

**Administration:** Addresses CSIP Objective 3. Student data such as attendance can be compiled through the use of the Lemberger software to identify At-Risk Students. Increasing contact between school and parent includes the School Web Page, Homework Hotline, emails, and voice mail.

**Resources:** Addresses CSIP Objectives 1, 2, 3, 4, and 5. Facilities will continue to be improved and upgraded. The District will upgrade and maintain instructional resources and equipment. The District will purchase/repair equipment in the LMC as needed, and obtain materials needed to meet the curricular needs. A plan will be devised to replace or upgrade instructional resources and equipment.

**Technical Support:** Addresses CSIP Objective 1, 2 and 5. The District will provide technical support in order for all equipment be kept up and running and in good repair or replace, upgraded or additions made to the current inventory.

***Technology Plan changes from previous plan--***

*The CSIP mission statement has been added to the Technology Plan to show that every aspect of a child's education brings about a positive change that allows for the growth of the whole child.*

*The CSIP was revised to make incorporation of technology into the curriculum a priority and that the major goals of the CSIP are met.*

- *Maintaining high student achievement.*
- *Providing appropriate instructional resources and equipment to teachers and students.*
- *Improving differentiated and supplemental programs.*
- *Maintain grounds and facilities to meet or exceed state and federal levels to provide for student safety.*
- *Providing appropriate instructional resources and equipment to students and teachers.*

*The TFA's have been added to the mission/vision statement.*

## **COMPILING RAW DATA**

The Morgan County R-I School District technology committee has compiled comprehensive and appropriate data in the following five Technology Focus Areas: 1) Student Learning, 2) Teacher Preparation and Delivery of Instruction, 3) Administration/Data Management/Communication Processes, 4) Resource Distribution and Use, and 5) Technical Support. By reviewing and evaluating this data the district can determine its progress toward technology integration and usage. The raw data is listed below. (\* indicates new data reviewed for this Technology Plan.)

**Standardized Assessments:** Scores from these assessments were used to identify strengths and weaknesses, the impact on District's educational program and information for preparing students for society and the world or work. TFA 1

- MAP
- ACT
- PLAN
- PSAT

- Stanford Nine
- Arms Services Vocational Aptitude Battery

**Local Assessments:** Assessments were used to determine how technology was used for teacher preparations and student learning. The staff completes a self-evaluation at the beginning of the year to determine how comfortable they are with specific technology. From these assessments in-services for teachers can be developed at beginning, intermediate, and advanced sessions. Student self-evaluations can help the teachers determine the proficiency of students in the classroom. TFA 1, TFA 2, TFA 4, TFA 5

- Crystal Report (Clear Access)
- Student Use of Technology Self-Evaluation
- Staff Use of Technology Self-Evaluation Rubrics
- Annual Technology Report to the Board
- Computer Lab usage
- Equipment/Software Check out Request
- Technology Maintenance Logs

**Surveys**—The COT provides a summary of hardware/software availability and what percentage of students and staff perform at beginning, intermediate, and advanced levels. Staff/students surveys help determine how technology is used in the classroom. COT also indicates the student to computer ratio. TFA 1, TFA 2, TFA 4, TFA 5

- Staff/student Surveys
- Census of Technology

**Policies and Procedures**—All are in place to maintain proper procedures and policies that meet federal and state requirements. TFA 1, TFA 3, TFA 4, TFA 5

- CIPA Guidelines
- \*NCLB
- Student and Staff Acceptable Use Policies
- District Technology Competencies
- District Technology Goals
- 2003 Technology Plan
- Copyright Policy
- \*Filtering with School Guardian
- Equipment Donations (Gifts)
- Equipment on Loan
- Web Page Guidelines
- CSIP
- State Technology Plan

**Student and Teacher Standards**—Technology is integrated within the curriculum. The curriculum has been aligned with the Show-Me Standards. Third grade classrooms are eMints. ISTE Competences and Standards are being added for both students and teachers. Inquiry-based learning and strategies are being integrated. TFA 1, TFA 2

- Curriculum Guides
- Show-Me Standards

- \*Title IID Goals/8<sup>th</sup> grade technology literacy
- \*ISTE Competencies
  - basic technology operations and concepts
  - responsible and ethical use
  - effective and creative communication
  - thinking, learning, and producing
  - research, problem-solving, and decision-making
- \*ISTE National Educational Technology Standards

**Training Data**—eMINTS teachers have completed their first year of the Professional Development schedule as of June 2005. PDC surveys the staff annually to determine in-service needs. At the completion of each in-service, participants complete evaluations of the presenter/program. A technology survey is emailed at the end of the year for teachers to reflect on the past year of weaknesses/strengths of the technology program and suggested improvements for their core/subject area. During the 2004-2005 school year, four PDC sessions were held and eight technology in-services were held for the staff. TFA 2

- Technology Needs Assessment Survey
- PDC Needs Assessment
- Technology Surveys
- PDC Training Evaluations
- eMINTS Training

**Administrative/Data Management/Communication Tools**—Lemberger is the software used for student/staff/administrative information systems. TFA 1, TFA 2, TFA 3, TFA 4, TFA 5

- Lemberger Management System
  - Accounting, payroll
  - Student Information
  - Attendance
  - Discipline
  - Lunch
  - Medical
- \*Security—IP cameras
- Jackson Grade Quick Grade Book
- \*Inventory GASB-34
- Athena Library Services Software
- Accelerated Reader
- Star Reader
- Internet with Morenet T1 line
- Intranet
- \* District-wide e-mail
- Fax

**\*Total Cost of Ownership Analysis**— This is new for 2006 Technology Plan. The technology person handles the maintenance and repairs. TFA 1, TFA 3, TFA 4, TFA 5

- Hardware maintenance
- Repairs

- Technology Acquisition
- Equipment Inventory
- Software Inventory
- Technology Personnel

***Technology Plan Revisions from the last plan--***

*The ISTE National Educational Technology standards have been incorporated into instruction. The Title IID technology literacy competencies for the 8<sup>th</sup> grade will be aligned with the ISTE NETS standards. All raw data marked with \* have been added for review and evaluation for the 2006 Technology Plan. With the advancement of technology more types of data needed to be analyzed.*

**TECHNOLOGY GOALS**

Guided by our Technology Mission Statement, District Mission Statement, CSIP, and State Education technology goals and objectives, we have developed the following technology goals.

The Morgan County R-I District will provide:

1. learning opportunities through the integration of technology into the curriculum that allows students to acquire the necessary technology literacy skills needed by the end of the eighth grade and to improve student achievement needed for success in our society.
2. technology training opportunities for the staff that will aid in the preparation and delivery of instruction to improve student achievement.
3. necessary technology to manage student and administrative information for educational purposes and to improve communication within the District and between school and community.
4. resources for educational technologies that promote higher student achievement.
5. technical support needed to develop and maintain the full utilization of technology as an instructional tool.

## TFA 1—STUDENT LEARNING: DATA ANALYSIS, OBJECTIVES, AND ACTION PLANS

The sources analyzed to identify and list strengths and weaknesses are in Raw Data listing.

STRENGTHS	WEAKNESSES
<ol style="list-style-type: none"> <li>1. Accelerated Reader and Star Reader</li> <li>2. Geometry GSP software</li> <li>3. SmartMusic software</li> <li>4. EMINTS program in grade 3</li> <li>5. Students acceptance and eagerness to use technology</li> <li>6. Technology integrated into curriculum</li> <li>7. Computer Lab available at each building level</li> <li>8. All students have access to Internet</li> <li>9. Technology resources available with new textbook purchases</li> <li>10. EBSCO Host and other research items available on the District Web Site</li> <li>11. Curriculum aligned with Show-Me Standards.</li> <li>12. Keyboarding and word processing skills are introduced in the 3<sup>rd</sup> grade</li> <li>13. IntelliKeys used in special services for nonverbal student so he can communicate by touching a screen.</li> </ol>	<ol style="list-style-type: none"> <li>1. Computers in classrooms need to be updated</li> <li>2. Follow through with student login to domain server</li> <li>3. More inquiry-based learning needed within curriculum</li> <li>4. More classrooms need projectors for PowerPoint technology</li> <li>5. Technology competencies need to be written for all grades.</li> <li>6. All computers need to be added to the LAN</li> </ol>

***Student Learning status/progress of previous plan:*** Ten of thirteen action steps for Student Learning have either been completed or are still an ongoing process. \*Three of the thirteen action steps are incomplete and will be revised and included in the new action plan. All classrooms now are networked with access to the LAN, curriculum and Internet. The curriculum has been aligned with the Show-Me Standards. We have added eMINTS to our third grade. The FACS department has added a wireless lab of five laptops. The Vocational Business department has upgraded to 20 Windows XP computers.

OBJECTIVES STUDENT LEARNING				
<p><b>Goal 1:</b> The Morgan County R-I District will provide learning opportunities through the integration of technology into the curriculum that allows students to acquire the necessary technology literacy skills needed by the end of the eighth grade and to improve student achievement needed for success in our society.</p>				
Objective Number	Objective	Progress Expected	Progress Measured	Attainable and realistic
1.	Students scores in all grades tested	All students will increase MAP scores by one level or score in	MAP score data Crystal Report	Yes

	by the MAP will increase annually in the “Proficient” and “Advanced” levels and decrease in the “Step 1” and “Progressing” levels.	the proficient or advanced level.		
2.	The district will develop the use of technology in the classroom as an instructional tool	Students will acquire the necessary technology literacy skills needed by the end of the 8 <sup>th</sup> grade	Technology Competencies	Yes

**Action Plans and Implementation – TFA --Student Learning**

**Goal 1:** The Morgan County R-I District will provide learning opportunities through the integration of technology into the curriculum that allows students to acquire the necessary technology literacy skills needed by the end of the eighth grade and to improve student achievement needed for success in our society.

**Objective 1:** Student scores in all grades tested by the MAP will increase annually in the “Proficient” and “Advanced” levels and decrease in the “Step 1” and “Progressing” levels.

**TFA:** Student Learning

**Review Dates & Correction Strategies:** Refer to Communication, Monitoring and Evaluation section.

+ Specifically listed in the District’s CSIP

<b>MSIP Standard/ Indicator</b>	<b>CSIP Objective/ Strategy</b>	<b>Action Step Activity</b>	<b>Responsible Parties</b>	<b>Funding Sources</b>	<b>Timeline/ Completion Date</b>
6.1, 6.2, 6.7	1.1, 1.2	The Accelerated Reader program will be enhanced with additional computer tests to correlated reading materials available in the	Librarian  Classroom Teachers	Title I  District	Ongoing

		library and classrooms.			
6.1 6.2 6.7	1.2	Inquiry-based activities will be provided to students for success on MAP tests in all areas	Classroom Teachers Librarian Technology Coordinator	District	Ongoing
6.2.5 6.3.2 6.4 6.7	1.1 1.2 5.3	+Individual reading plans will be developed for all students in grades K-10 that are reading more than 1 year below grade level	Superintendent  Principals  Teachers  Librarian	State Local Federal	Ongoing
6.3.2	1.2.3	+Tutoring will be implemented for students, K-5 that need extra instruction in core area.	Principals  Teachers	State Local Federal	Ongoing
6.1 6.2 6.7	1.1	Students will use a variety of technological strategies for learning, problem solving, and communicating.	Principals  Teachers  Librarian  Technology Coordinator	State Local Grants eMINTS	Ongoing
6.1 6.2 6.7	1.1	Students will have technology-based activities and assessments to insure students to be technologically literate by the end of the 8 <sup>th</sup> grade	Principals  Teachers  Librarian  Technology Coordinator	State Local Federal Grants eMINTS	2006-ongoing

**Action Plans and Implementation – TFA --Student Learning**

**Goal 1:** The Morgan County R-I District will provide learning opportunities through the integration of technology into the curriculum that allows students to acquire the necessary technology literacy skills needed by the end of the eighth grade and to improve student achievement needed for success in our society.

**Objective 2:** The district will develop the use of technology in the classroom as an instructional tool.

**TFA:** Student Learning

**Review Dates and Correction Strategies**—see Communication, Monitoring, & Evaluation Section

+ Specifically listed in the District’s CSIP

<b>MSIP Standard/ Indicator</b>	<b>CSIP Objective/ Strategy</b>	<b>Action Step Activity</b>	<b>Responsible Parties</b>	<b>Funding Sources</b>	<b>Timeline/ Completion Date</b>
6.4 6.7	5.3	Implement elementary keyboarding in grades 3 through 5	Business Teacher  Classroom teachers	District	2006 and ongoing
6.4 6.7	5.1 5.3	*Students will use EBSCO Host and online encyclopedias for research projects	Classroom teachers  Librarian	District, Grants	2006 and ongoing
6.4.2	5.3.4	+Expand eMINTS to grade 4	Superintendent Elem. Principal Librarian  Technology Coordinator  4 <sup>th</sup> grade teachers	Title IID, Grants, District	2006-2008
6.4 6.7	5.3	Develop and implement a K-12 student technology skill assessment to determine student progress	Business Teacher Librarian  Technology Coordinator	No cost to district	2006-2009
6.1 6.4	5.2	*Add classroom technology— computers, projectors, smartboards, wireless labs	Technology Coordinator Librarian Principals Superintendent	State Local Federal Grants	Ongoing as funds permit

6.4 7.6	5.1	*+Increase Computer Lab usage	Principals Teachers Librarian	State Local	2006-2009
------------	-----	-------------------------------	-------------------------------------	----------------	-----------

### TFA 2 Teacher Preparation and Delivery of Instruction

The sources analyzed to identify and list strengths and weaknesses are in Raw Data listing.

STRENGTHS	WEAKNESSES
<ol style="list-style-type: none"> <li>1. Computer labs readily available for each building level.</li> <li>2. Technology in-service sessions scheduled throughout the year.</li> <li>3. Electronic gradebook</li> <li>4. Professional Development ongoing at all building levels</li> </ol>	<ol style="list-style-type: none"> <li>1. Teacher usage of technology in delivery of instruction</li> <li>2. More technology performance-based activities needed in the curriculum</li> <li>3. Time to develop technology skills</li> <li>4. Teacher technology competencies not aligned with ISTE NET</li> <li>5. No incentives for teachers to improve technology competencies</li> </ol>

**Teacher Preparation and Delivery of Instruction changes/growth from previous plan:** *The previous plan had 4 action steps that included some type of training and in service for staff. These are ongoing and will continue in the new action plan. Teacher competencies and technology-based activities and assessments to the curriculum are being added. This will promote teacher usage and confidence. Professional development opportunities are available to all teachers. Technology in-service sessions are offered during the school year.*

<b>OBJECTIVE</b>				
<b>TEACHER PREPARATION AND DELIVERY OF INSTRUCTION</b>				
<b>Goal 2:</b> The Morgan County R-I District will provide technology training opportunities for the staff that will aid in the preparation and delivery of instruction to improve student learning and achievement.				
Objective #	Objective	Progress Expected	Progress Measured	Attainable and realistic
1.	Professional development activities will be expanded to train teachers to integrate technology into the curriculum	Teacher will increase their comfort level in the use of technology and will increase the use of technology in the classroom instruction	Teacher Competencies checklist  PDC Survey of technology training  Title IID program competencies for 8 <sup>th</sup> graders	Yes  Yes  Yes

**Action Plans and Implementation – TFA -- Teacher Preparation and Delivery of Instruction**

**Goal 2:** The Morgan County R-I District will provide technology training opportunities for the staff that will aid in the preparation and delivery of instruction to improve student learning and achievement.

**Objective 1:** Professional development activities will be expanded to train teachers to integrate technology into the curriculum.

**TFA:** Teacher Preparation and Delivery of Instruction

**Review Dates and Correction Strategies**—see Communication, Monitoring, & Evaluation Section

+ Specifically listed in the District’s CSIP

<b>MSIP Standard/ Indicator</b>	<b>CSIP Objective/ Strategy</b>	<b>Action Step Activity</b>	<b>Responsible Parties</b>	<b>Funding Sources</b>	<b>Timeline/ Completion Date</b>
6.4 6.7 6.4.3	2.2 5.3 5.1.2	+Teachers will be given the opportunity to attend professional development activities focused on technology integrations into the curriculum	PDC Board Superintendent Principals	Local PDC	2006-ongoing
6.4.2 6.4.3 6.4.4	5.3.1	Assist teachers to use SuccessLink and other online databases and electronic encyclopedias to find material for classroom use that supports the Show Me Standards.	Principals PDC Librarian	Local State PDC Federal Grants	2006 and ongoing
6.4.3 6.7.1 6.4 6.7	5.3.3 5.3	Teachers will add technology based activities and assessments to the curriculum that will improve student technology competencies for Title IID goals	Curriculum Committee Principals Librarian Teachers	State Local Federal PDC	2006-2009
6.4.3	5.3.2	+Develop a list of technology competencies that	Principals Librarian	Local	2006-2009

		should be mastered by each teacher	Tech Coordinator Business Teacher		
6.7	2.2	+High quality staff will be maintained through professional development activities and training that meets the standards of our CSIP goals	PDC Board Superintendent Principals	PDC State Local	2006-2009
6.7.1	2.2.1	+District will work collaboratively with the PDC to develop high-quality professional development activities	Administration PDC	PDC Local Federal	2006-2009

### TFA 3 Administration/Data Management/Communication

The sources analyzed to identify and list strengths and weaknesses are in Raw Data listing.

STRENGTHS	WEAKNESSES
<ol style="list-style-type: none"> <li>1. Internet filtering with School Guardian for safe searching on the Internet</li> <li>2. Accelerated Reader/Star Reader</li> <li>3. Lemberger software for accounting, payroll, lunch, student records</li> <li>4. Computerized inventory program</li> <li>5. District Policies and Procedures in place for AUP</li> <li>6. MCR1 Domain Server for storage of district information</li> <li>7. Offsite backup of District information in place</li> <li>8. District Web Page</li> <li>9. Teacher access to online curriculum and MAP released items</li> <li>10. Athena Library program</li> <li>11. IP Camera Security System district wide</li> <li>12. District-wide email.</li> </ol>	<ol style="list-style-type: none"> <li>1. Different ability levels of users</li> <li>2. Computerized card catalog not available on Intranet.</li> <li>3. Homework Hotline and voice mail not used to potential</li> <li>4. More parent involvement in the Middle School and High School.</li> <li>5. Technology literacy needs of A-Risk students monitored.</li> </ol>

13. Login for each staff and student user to track Internet usage and security 14. Homework Hotline and voice mail implemented 15. Quarterly newsletter and updates in the local newspaper keep the patrons informed of technology usage and growth in the district	
---	--

**Administration/Data Management/Communication changes in measures and measurements and changes in the last three year:** *Measurements added are: ISTE NETS competencies for students and staff, total cost of ownership, change in the filtering software and tracking of Internet usage.*

***Progress/status:*** *District-wide email established with content, URL, virus and spam filtering in place; Homework Hotline and voice mail setup for students and parents; security camera on campus. A domain server is now used for Curriculum storage and to store all administrative, staff and student data.*

<b>OBJECTIVE</b>				
<b>ADMINISTRATION / DATA MANAGEMENT / COMMUNICATION</b>				
<b>Goal 3:</b> The Morgan County R-I District will provide the necessary technology to manage student and administrative information for educational purposes and to improve communication within the District and between school and community.				
<b>Objective #</b>	<b>Objective</b>	<b>Progress Expected</b>	<b>Progress Measured</b>	<b>Attainable and realistic</b>
1.	Provide more efficient and economical means to communicate district, building and student information to students, staff, parents and community.	District/Parent communications will increase with email, voice mail, Homework Hotline, and Web Page information.	Technology logs, Student Records, Web Page hits, increased response and participation of parents	Yes

**Action Plans and Implementation – TFA -- Administration, Management & Communications**

**Goal 3:** The Morgan County R-I District will provide the necessary technology to manage student and administrative information for educational purposes and to improve communication within the District and between school and community.

**Objective 1:** Provide more efficient and economical means to communicate district, building and student information to students, staff, parents and community.

**TFA:** Administration, Management & Communications

**Review Dates and Correction Strategies**—see Communication, Monitoring, & Evaluation Section

+ Specifically listed in the District’s CSIP

<b>MSIP Standard/ Indicator</b>	<b>CSIP Objective/ Strategy</b>	<b>Action Step Activity</b>	<b>Responsible Parties</b>	<b>Funding Sources</b>	<b>Timeline/ Completion Date</b>
6.8 6.8.4	5.4 5.4.3	The Athena Library database will be placed on the domain server to allow a search of the card catalog from any computer in the district.	Librarian  Technology Coordinator	District	Completion by 9/06
7.53	3.3.2	Continue to improve and encourage staff and community access to email and voice mail capabilities	Admin. PAT	State Local	2006-2009
6.1 6.4 7.3	5.2	Maintain district backup of critical data	Technology Coordinator	Local State	2006 and ongoing
6.1 6.4 7.3		Continue to participate in e-rate.	Technology Coordinator	Federal	2006 and ongoing
7.6	5.1.1	Provide a community computer class after school hours	Librarian	Local State	2006-2009
6.3	3.4	+Identify & monitor At-Risk students at all grade levels in continuing their education.	Principals Teachers Counselors	Local State Federal Grants	2006-2009

## TFA 4 Resource Distribution and Use

The sources analyzed to identify and list strengths and weaknesses are in Raw Data listing.

STRENGTHS	WEAKNESSES
<ol style="list-style-type: none"> <li>1. Internet access with a T1 line for all students and staff</li> <li>2. EBSCO Host and online encyclopedias available on the District Web Page</li> <li>3. MCR1 Domain Server infrastructure in place for students and staff</li> <li>4. Firewalls installed to insure network security</li> <li>5. Network infrastructure upgraded with faster switches to use bandwidth to potential.</li> <li>6. Internal IP's and subnets have been expanded to allow for the addition of more technology—computers, print servers, security cameras on the network</li> </ol>	<ol style="list-style-type: none"> <li>1. Computers in classroom especially in elementary and HS need to be updated</li> <li>2. Electrical wiring in elementary re-evaluated with addition of more technology</li> </ol>

***Resource Distribution and Use progress/status since last Tech Plan:*** Old printers are now replaced with shared laser printers with zone printing for better quality and less cost. Network infrastructure upgraded for more security and efficiently. Preschool and Alternative School can now access the LAN, curriculum, and Internet.

<p style="text-align: center;"><b>OBJECTIVES</b> <b>RESOURCE DISTRIBUTION AND USE</b></p>				
<p><b>Goal 4:</b> The Morgan County R-I District will provide the necessary resources to educational technologies that promote higher student achievement.</p>				
Objective #	Objective	Progress Expected	Progress Measured	Attainable and realistic
1.	Improve and safe guard the technological learning environment for all students.	Develop the use of technology in the classroom as an instructional tool	Teacher and student competencies  Curriculum Map	Yes
2.	Develop a systematic process for upgrading and	Upgrade 20 computers each year and upgrade and maintain technological	Inventory, COT, Student/Teacher Surveys, Tech Plan, and short- and long-	Yes

	replacing technology throughout the district.	equipment for the classrooms	terms replacement plans reviewed annually	
--	---	------------------------------	---	--

**Action Plans and Implementation – TFA -- Resource Distribution and Use**

**Goal 4:** The Morgan County R-I District will provide the necessary resources to educational technologies that promote higher student achievement.

**Objective 1** Improve and safe guard the technological learning environment for all students.

**TFA:** Resource Distribution and Use

**Review Dates and Correction Strategies**—see Communication, Monitoring, & Evaluation Section

+ Specifically listed in the District’s CSIP

<b>MSIP Standard/ Indicator</b>	<b>CSIP Objective/ Strategy</b>	<b>Action Step Activity</b>	<b>Responsible Parties</b>	<b>Funding Sources</b>	<b>Timeline/ Completion Date</b>
6.4.1	5.2.2	+Upgrade and maintain instructional resources and equipment.	Principals  Technology Coordinator	State Local Federal Grants eMINTS	2006 and ongoing as funds are available
6.7 6.4.3	1.1.3 5.1.2	Provide faculty training to integrate technology into learning	PDC Local State Federal	PDC Librarian Tech Coordinator	2006 and ongoing
6.4 6.7	5.3	+Develop the use of technology in the classroom as an instructional tool	Superintendent  Curriculum Committee  Classroom teachers	State Local PDC Grants eMINTS	2006-2009
6.4.1	5.2.2	Electrical wiring will be evaluated and upgrade as needed especially in the Elementary wing	Board Maintenance Staff  Technology Coordinator	Local State	2006-2009

**Action Plans and Implementation – TFA -- Resource Distribution and Use**

**Goal 4:** The Morgan County R-I District will provide the necessary resources to educational technologies that promote higher student achievement.

**Objective 2** Develop a systematic process for upgrading and replacing technology throughout the district.

**TFA:** Resource Distribution and Use

**Review Dates and Correction Strategies**—see Communication, Monitoring, & Evaluation Section

**+ Specifically listed in the District’s CSIP**

<b>MSIP Standard/ Indicator</b>	<b>CSIP Objective/ Strategy</b>	<b>Action Step Activity</b>	<b>Responsible Parties</b>	<b>Funding Sources</b>	<b>Timeline/ Completion Date</b>
6.4.1	5.2.2	+Devise a five-year plan to replace or upgrade instructional resources and equipment in the computer lab and classrooms	Superintendent Principals Technology Coordinator Librarian	Local	2006-ongoing
6.4.1	5.2.1	+Inventory and record the condition of the instructional resources and equipment in the computer lab and classrooms	Technology Coordinator Librarian	Local	2006-ongoing

## TFA 5 Technical Support

The sources analyzed to identify and list strengths and weaknesses are in Raw Data listing.

STRENGTHS	WEAKNESSES
<ol style="list-style-type: none"> <li>1. A full-time technology coordinator is available to students and staff</li> <li>2. The technology coordinator has experience in network maintenance and computer repair and maintenance</li> <li>3. In-house repairs will allow more funds be used to upgrading equipment</li> <li>4. Intranet work order used for requesting, prioritizing, and tracking repairs and maintenance</li> </ol>	<ol style="list-style-type: none"> <li>1. Keep abreast of the technology changes and keeping up-to-date technologies</li> <li>2. Budget is always a concern in upgrading and maintaining the network and technological needs of the district</li> <li>3. Better system of maintaining inventory records and accumulating data for COT needed</li> </ol>

***Technical Support progress/status since last Tech Plan:*** *The work order is now online. The new technology person has the expertise to handle all tech support and make improvements to the network allowing for more in-house repairs over outsourcing.*

OBJECTIVES TECHNICAL SUPPORT				
<b>Goal 5:</b> The Morgan County R-I District will provide technical support needed to develop and maintain the full utilization of technology as an instructional tool.				
Objective #	Objective	Progress Expected	Progress Measured	Attainable and realistic
1.	Continue to offer efficient and productive technological support.	Technology support issues will be prioritized and addressed within a 24 hour period	Review of online work orders  Various logs reviewed annually	Yes

Action Plans and Implementation – TFA -- Technical Support
<p><b>Goal 5:</b> The Morgan County R-I District will provide technical support needed to develop and maintain the full utilization of technology as an instructional tool.</p> <p><b>Objective 1</b> Continue to offer efficient and productive technological support.</p> <p><b>TFA:</b> Technical Support</p> <p><b>Review Dates and Correction Strategies</b>—see Communication, Monitoring, &amp; Evaluation Section</p> <p><b>+ Specifically listed in the District’s CSIP</b></p>

<b>MSIP Standard/ Indicator</b>	<b>CSIP Objective/ Strategy</b>	<b>Action Step Activity</b>	<b>Responsible Parties</b>	<b>Funding Sources</b>	<b>Timeline/ Completion Date</b>
6.1 6.4 7.3	5.2	Evaluate, maintain, and upgrade server, email, filtering logs, maintenance logs	Technology Coordinator	State Local Federal	2006 and ongoing
6.1 6.4 7.3	5.2	Provide technical support to new technologies and new software programs used within the district.	Technology Coordinator	State Local Federal	2006 and ongoing

## **COMMUNICATION, DISSEMINATE, MONITOR, AND EVALUATE**

Communicating, disseminating, monitoring and evaluating the technology plan will be an ongoing process of the Morgan County R-I School District.

### **Communication/Dissemination**

The Technology Plan of Morgan County R-I District will be presented to:

- Superintendent
- Morgan County R-I School Board
- Principals
- District Web Site for the public
- Library Media Center

Other means of disseminated to outside parties can include:

- District Web Site
- School Newsletter
- Community publications
- Local Newspaper
- Open House
- PTO meetings

### **Monitoring**

The technology committee reviews the technology plan at least annually. This review includes evaluation of the plan's activities, outcomes, and overall progress to insure that yearly goals and objectives are being met. This review will insure that actions plans are being followed and allows for timely corrections to be made.

### **Evaluation**

The plan will be evaluated at least annually using the measurements listed in the objectives. As technology advances surveys and/or other evaluation tools may need to be implemented. The impact of the technology plan on student learning will be evaluated by reviewing MAP score data, Crystal Report, and other student learning assessment tools. Annual evaluation of data will allow timely corrections to be made.

The final yearly report will be submitted to the Board of Education for further review and action in June of each year.

**FUNDS FOR TECHNOLOGY GROWTH AND MAINTENANCE**

<b>TFA</b>	<b>LINE ITEM</b>	<b>YEARLY</b>	<b>3- YEAR</b>
Student Learning	Microsoft Software/Licensing Anti-Virus Software Maintenance & Repairs <ul style="list-style-type: none"> <li>• Domain Server</li> <li>• Computers</li> <li>• Printers</li> </ul> Computers <ul style="list-style-type: none"> <li>• computer lab upgrades</li> <li>• new expansion</li> <li>• replacements</li> </ul>	\$ 4,000 3,100 3,000  20,000	\$ 12,000 9,300 9,000  60,000
Teacher Preparation & Delivery of Instruction	Professional Development/In-Service	\$ 2,500	\$ 7,500
Administration/Date Management/Communication Processes	Security camera maintenance <ul style="list-style-type: none"> <li>• Updates</li> <li>• Upgrades</li> <li>• Maintenance</li> </ul> District e-mail <ul style="list-style-type: none"> <li>• Virus</li> <li>• Spam</li> <li>• content filtering</li> <li>• Firewall/LDAP</li> <li>• Internet Filter w/ School Guardian updates</li> </ul> Lemberger Windows Software <ul style="list-style-type: none"> <li>• Upgrade</li> <li>• Tech Support</li> </ul> Internet T1 Line Wireless access points/infrastructure upgrades	\$ 6,000  6,000  2,000  4,500 500	\$ 18,000  18,000  6,000  13,500 1,500
Resource Distribution and Use	Network Upgrades <ul style="list-style-type: none"> <li>• Printer Servers</li> <li>• Switches—gigabyte</li> <li>• Upgrade network cards--gigabyte</li> <li>• Memory Upgrades</li> </ul> Software	3,000   2,000	\$ 9,000   \$ 6,000
Technology Support	Technical support district-wide	\$ 50,000	\$ 150,000
	<b>TOTALS</b>	<b>\$106,600</b>	<b>\$319,800</b>

