MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION
INSTRUCTIONAL TECHNOLOGY
P.O. BOX 480, 205 JEFFERSON STREET
JEFFERSON CITY, MISSOURI 65102-0480

District Technology Plan Review/Approval – 2007 Cover Sheet

Process for requesting state approval of district long-range education technology plans:
Complete the information below and attach it as a cover sheet to the district technology plan. Two paper copies of the plan (with attached cover sheet) are due to the Department of Elementary and Secondary Education by April 15. Submitted plans should be addressed to the Instructional Technology Section.

*Because April 15, 2007 is a Sunday, plans must be postmarked by April 15 or delivered to Instructional Technology by **4:00 p.m. (CT), Monday, April 16**. Delivery Note: Instructional Technology is located on 8th floor of the Jefferson State Office Building, 205 Jefferson Street, Jefferson City.*

Technology plans should be printed in dark ink on white or light-colored paper and should include a Table of Contents, an identification footer (e.g., Adair Co. R-I Tech Plan 2007), and page numbers. Bind plans with staples or binder clips (no plastic covers or bindings). Do not attach appendices (e.g., inventory, survey findings, etc.) or other enclosures that add unnecessary volume to the document.

For additional information and assistance, contact Instructional Technology staff at 573-751-8247, instrtech@dese.mo.gov, or visit Instructional Technology's Technology Planning website at http://dese.mo.gov/divimprove/instrtech/techplan/index.htm.

REQUEST FOR TECHNOLOGY PLAN REVIEW – to be completed by district

District Name: Keytesville R-III School District **County-District Code:** 021 -150

Contact Person: Connie Dowis **Position:** Technology Coordinator

Telephone: (660) 288 - 3767

Fax: (660) 288 - 3110

Local board approval date: 04/11/2007

APPROVAL INFORMATION – to be completed by Department

Date reviewed: May 3, 2007

Date approved: **5/3/07** **Date letter mailed to district:** **5/15/07**

KEYTESVILLE R-III SCHOOL DISTRICT
(021-150)

Technology Plan
2007-2010

KEYTESVILLE R-III SCHOOL DISTRICT
27247 HWY 5
KEYTESVILLE, MO 65261-2401

(schoolweb.missouri.edu/keytesville.k12.mo.us)

Approved by
Board of Education
April 11, 2007

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INTRODUCTION

District Profile

The Keytesville R-III School is located immediately outside the city limits of Keytesville, Missouri, in southern Chariton County. Keytesville is the county seat and has a population of approximately 516 people. The districtwide population reported by the 2000 census was 1,322 people with 587 households. OSEDA's Summary of Social and Economic Indicators for Chariton County include: Population Decrease between 2000 and 2004 (-3.5%)-- Age 65 and older--22% (state 13.3%)-- under 18--21.1% (state 24.7%); Race and Ethnic Diversity over 96% white; Place of Residence--open area--55.9 %, smaller towns--44.1%; Median Family Income--$39,176 (State $46,044). Percentage of Poverty--10.7% (State 11.3%); Jobs by Sector include-Farm Employment--24.7%, Retail Trade--11.7%, Local Government--8%, Construction--7.6%. Employment in professional and technical services was under represented relative to the state. Almost 42% of county workers commute outside the county to work. Educational Attainment— College Graduate--11% (State 21.6%), Some College--20% (State 27%); Graduation Rate--94.7% (State 85.5%). According to *KIDS COUNT*, "Overall, Chariton County indicators are good, ranking the county 6th out of 115 counties in the state."

The District PK-12 student enrollment is 185 with a staffing ratio of student to classroom teachers of 11:1 and administrators of 148:1. The District is served by a certified staff of 25, a superintendent, one half-time PK-12 principal and a support staff of 18.

The District is housed in a main, one story building (elementary wing, LMC and central office, high school wing) with two exceptions. The Career Education Agriculture Department is located in a separate building just outside the high school wing and the preschool is located in a separate building just outside the back of the middle of the building. High school teachers teach all students 7-12. Elementary grades are self-contained. Art, music, physical education, special services, counselor and library media specialist/technology coordinator positions are shared districtwide.

The Assessed Valuation of the District for 2006 was $12,069,727. The breakdown for sources of revenue was 53.5% local; 37.4% state; 9.2% federal. The district's Average Current Expenditure per ADA was $7,917.

For two of the last three years, the district has been recognized by DESE with a Distinction in Performance Award. On the MAP Report, grades 4 and 7 in Communication Arts was recognized as a Top 10 School (under 250 students) in the percent of students scoring Proficient or Advanced.

Technology Planning Committee

TECHNOLOGY PLANNING

After our last MSIP Review (January 1999), the District Advisory Committee and various subcommittees began work to prepare the district's CSIP and Technology Plans. A series of group meetings and numerous subcommittees met to evaluate, revise, update and reevaluate the plans for submission to the Board of Education for approval and subsequently to DESE. Since that time, the committees have continued to meet and have updated/changed/rewritten both plans to reflect changes and improvements to the district. Although the district was scheduled for the third round review in January 2004, the district received a MSIP wavier. The wavier was given because Keytesville R-III has consistently scored high on the MAP tests as administrated by the state to evaluate Missouri Show-Me objectives. This wavier is in effect until sometime after the 2006-2007 school year. The district's state supervisor is scheduled for a district review before the end of the 2006-2007 school year. The District's CSIP is currently under extensive review with all goals and objectives to be approved by the Board of Education upon its completion.

The specific objective and actions steps as they relate to technology currently in our CSIP are as follows.: Objective--To provide/update educational and informational materials and technology for students and staff; Action Steps--1) Develop district technology plan with updates as needed; 2) Provide updated and age/ability appropriate technology to students and staff; 3) Provide opportunities to use technology to communicate effectively, efficiently and creatively; 4) Provide opportunities to use technology to access and retrieve, to interpret and to evaluate visual and auditory information; 5) Incorporate technology into the curriculum as a natural part of education and the lifelong learning process; 6) Provide the training and ongoing support necessary for students and staff to become proficient users of technology; and 7) Provide the school and community with greater opportunities for interaction, collaboration and information exchange.

Keytesville R-III's District Advisory Committee, LMC/technology subcommittee and other appropriate subcommittees composed of the Board of Education, administration, technology coordinator/media specialist, teachers representing both high school and elementary staff, parents, students and community members (29-32 members) developed our 2003-2006 Plan, it's extension into the 2006-2007 school year and the new 2007-2010 Technology Plan to ensure that technology is an integral and vital part of the learning environment. All necessary raw data was compiled and analyzed to determine the steps necessary to update and revise the current technology plan. All assessments and evaluations of the existing Technology Plan (2003-2006) were reviewed and evaluated to reflect the changing needs of students and staff, as well as, the progress made toward fulfilling the current plan. The Technology Plan was written to incorporate CSIP Goals, The Missouri Education Technology Strategic Plan (2007-2011), NETS Standards to ensure technology literacy by 8th grade and beyond. This plan reflects the accumulation of information, recommendations and action necessary to move Keytesville R-III forward into the 21st Century. The Technology Plan was adopted by the Board of Education on April 11, 2007.

TECHNOLOGY PLANNING COMMITTEE

Advisory committees (especially in smaller districts) have been a long-standing problem. Community members have always served willingly, but with the increasing number of programs in need of advisory committees, many community members were being selected to serve on two or more committees which creates a major scheduling problem. After attending several DESE led meetings a few years ago, it was discovered that many districts were combining the many different advisory committees into one district wide advisory committee charged with giving input into all programs. It was decided to select such a committee for the district. The technology committee reflects this change. Members were selected to represent all constituencies and group requirements for the different advisory committees. Committee members serve for a term of three years. Every year one third of the members are newly appointed. The advisory committee meets at least once per quarter.

KEYTESVILLE R-III DISTRICT ADVISORY COMMITTEE

All committee members are members of all district advisory groups, CSIP, MSIP, Vocational Programs, Federal\State Programs, LMC, and **Technology**.

Committee Member	Position Held	Membership Group	TFA
Mrs. Melissa Wilhoit	Children's Services-Division Family Service	Parent (Elem)	1, 4
Mrs. Ann Smith	Librarian Keytesville Public Library	Patron, City Official	1, 2, 3, 4, 5
Mr. Scottie McKenzie	Electrical Maintenance Engineer ConAgra Foods	Parent (Elem), Advisory Committee Chair	1, 4, 5
Mr. Daren Neidholdt	Chemical App. Specialist Young's Agri Service	Parent, Preschool Representative	1, 4
Mrs. Melissa Richardson	Stay-At-Home Mom	Parent (Elem)	1, 2, 3, 4, 5
Mrs. Cheryl Littleton	USPS PTF Postal Carrier	Parent (HS)	1, 4
Mrs. Barbara McKenzie	Stay-At-Home-Mom	Parent (HS)	1, 2, 3, 4, 5
Mr. Larry Pollard	KG Express, Member Chariton Co. Foundation	Patron, Business/Industry	1, 4
Mrs. Susan Littleton	County Clerk, Chariton County	Patron, Business/Industry, County Official	1, 3, 4
Mrs. Amber Farnen	Deputy Chariton County Assessor	Parent (HS) ,County Official, 4-H Leader	1, 3, 4
Mr. Bruce Meade	Self-employed, Meade Construction	Parent (HS), Business/Industry	1, 4, 5
Mrs. Laurinda Littleton	Self-employed, Littleton Trucking	Parent (HS), Business/Industry	1, 4
Mr. Jeff Littleton	Self-employed, Littleton Trucking	Parent (ELEM), Business/Industry	1, 2, 4
Mr. Eric McKenzie	College Student	Former Student, Career Education Representative	1, 2, 3, 4
Miss Kim Hall	College Student	Former Student, Career Education Representative	1, 2, 3, 4
Mr. Chris Hughes	Sheriff, Chariton County	Former Student, Career Education Representative	1, 2, 3, 4, 5
Miss Connie Dowis	K-12 Library Media Specialist/Technology Coordinator	Tech. Support , eRate Coor. , MOREnet Coor. , Member Career Ladder Committee	1, 2, 3, 4, 5
Mrs. Kim Huckabey	4th Grade Instructor	C-2000 Youth Advocacy Leader, Member PDC & Career Ladder Committee	1, 2, 3, 4
Miss Janet Himmelberg	7-12 Social Studies Instructor	Member, PDC Committee	1, 2, 3, 4
Mrs. Suzanne Woolston	Kindergarten Instructor	PDC Committee, Teachers, Administrators, Board (TAB) Committee	1, 2, 3, 4
Miss Beverly Plymell	7-12 FACS/JH Keyboarding	Advisory Committee Coor., MOREnet Contact, Vocational Representation	1, 2, 3, 4, 5
Mr. Larry Peters	Former Chariton County Commissioner	Patron, Community Leader	1, 3, 4
Mrs. Susie Cox	PD Coor, Missouri Center for Career Education	Patron, Community Leader	1, 2, 3, 4
Miss Cassie Penrod	KHS Student	Student	1, 4, 5
Mr. Blake Erickson	KHS Student	Student	1, 4, 5
Mrs. Mercedes Gladbach	Ret. Teacher, Chariton Co. Sheltered Wksp Board	Retired Citizens, Disabled Representation	1, 4
Mr. J.C. Jones	Retired Community Member, Agent Shelter Insurance	Retired Citizens	1, 3, 4
Mr. Ronnie Enyeart	Self-employed, Construction	President, Board of Education	1, 2, 3, 4, 5
Mr. Barry Imgarten	Self-employed, Farmer	Vice President Board of Education	1, 2, 3, 4, 5
Mrs. Sherri Burris	Classroom Paraprofessional	Support Staff, Parent (HS)	1, 2, 3, 4
Mrs. Rena Roth	PK-12 Principal		1, 2, 3, 4, 5
Mr. Paul Vossler	Superintendent	Administration, Director of Federal Programs	1, 2, 3, 4, 5

Mission Statement

OUR VISION

Keytesville R-III's technology plan was developed to reflect the changing needs of students, new expectations of society, and the aspiration to achieve new levels of excellence. New technologies enable teachers to teach more while effectively enhancing student learning and opportunities in remarkable ways. The district must look toward technology as a means of providing students with the same opportunities available in large and more urban schools. Technology is a resource for expanding and creating new options for education and for ALL students.

In the twenty-first century, understanding and using technology will be an integral part of virtually every aspect of daily life. It is the district's responsibility to prepare students for this future. Classrooms will be the primary place where this preparation will occur; therefore, classrooms must be equipped with diverse technologies to support teaching and learning. All teachers must be knowledgeable and skilled in the use of these technologies in daily instruction. Use of technology in the classroom not only assists teachers with high interest material, but must also provide students with the opportunity to check new information against old rules, thereby constructing new understandings.

The focus of all planning efforts must be the improvement of teaching and learning, as well as, the enhancement of effective district and classroom management. High quality student outcomes are the major reason to plan for and integrate technologies into the educational process. Improved learning is a primary way to engage community support. It is difficult to engage and sustain funding support for hardware lists with few or no clearly articulated connections to improved student learning. Therefore, decisions regarding technology goals and initiatives must have strong curriculum linkages. To effectively integrate technology, one must move beyond thinking about technology and focus instead on teaching and learning. Integration of technology will have limited impact on students' learning if there is not regular access to hardware and software that meets the instructional needs of the learner

Incorporating technology as an integral part of the curriculum allows for reaching students with various learning styles, in new ways. The district must actively develop technology rich lessons aligned with grade level competencies and create authentic assessment strategies to evaluate those competencies. Research has indicated that a strong professional development program is the most essential ingredient to the effective use of technology. Teachers must have an opportunity to learn any technology skills necessary to successfully facilitate student learning in their classrooms.

And the district shares METSP's mission to, "Create a technology enriched learning environment, not confined by time or space, which empowers all students to achieve academic success in the 21st century."

MISSION STATEMENT

District Mission

The Keytesville R-III School District believes that every child entrusted to its care should be ensured a free and appropriate education. We accept the responsibility to teach all students so that they can attain their maximum educational potential. We will strive to produce lifelong learners who are healthy and productive members of society.

District Technology Mission

The technology mission of the Keytesville R-III School District will be to cultivate an environment where technology is an integral part of our educational process which empowers students to master the Missouri Show-Me Standards in all content areas using traditional and innovative technologies which focus on inquiry based, hands-on learning. We will prepare students to be lifelong critical thinkers and learners skilled in accessing and processing information, confident in using technological tools, able to solve complex problems efficiently (both alone or collaboratively), while setting high expectations for themselves and others. We will graduate students capable of being creative, innovative, and able to communicate beyond our school walls to our expanded school/worldwide community benefiting from local and global resources. We will ensure equity of learning by providing state of the art technology tools and resources for all students and teachers in support of their varied learning styles and needs.

Current Status

COMPILING RAW DATA

To determine the current status and progress of the 2003-2006 Technology Plan and the technological resources at Keytesville R-III schools, reports were compiled after reviewing several sources of data. The current Technology Plan was reviewed to determine if the goals and objectives were applicable to our current technology needs. The action steps of the current plan were evaluated to determine if progress was met. Included in this section are the results of this evaluation. Also, included in this section is a comprehensive list of raw data that was reviewed to evaluate the current technology plan and the technology program in the district. The strengths and weaknesses of technology in the district as they relate to the Technology Focus Areas were then determined. All data is available in the district offices or online at the DESE website. Most all data is maintained for a minimum of five years.

A. Standardized Assessments

1. DESE Missouri Assessment Program (MAP). (5 years)
2. American College Test (ACT). (5 years)
3. PLAN test – pre ACT Test.

All testing results and data are housed in the counselor's office. A Notebook of results is available in the Teachers' Workroom. Results are kept on file for a minimum of five years. MAP scores are also available on the DESE web site. **Reviewed by TFA-1**

B. Local Performance Assessments

1. Curriculum Guides
2. ShowMe Curriculum's Electronic Alignment Tool (EAT) (Beginning 2006)
3. Classroom Scoring Guides
4. SRI/Reading Counts Reading Assessments (all years)
5. DRA Reading Assessment
6. Professional Development Committee Needs Assessment (3 years)
7. MSIP Reviews and CSIP Reviews
8. Teacher Observation of Student Use of Internet and Technology

Curriculum guides with assessments are housed in the individual classrooms with copies available in the Professional Library. We are in the process of updating our curriculum and putting it online using the EAT. The Professional Development committee keeps evaluations and needs surveys on file. Other assessments are maintained through the programs' databases.
Reviewed by TFA -1, 2, 4

C. Surveys and Records

1. Census of Technology (5 years)
2. Missouri 2006 Census of Technology Report
3. Professional Development Needs Surveys
4. Student, Staff, and Advisory Committee Surveys
5. CSIP Strategies and Evaluation
6. Technology Usage Logs for all Computer Workstations (1 year)
7. Library Media Center Core Data Reports (5 years)
8. Hardware and Software Inventories
9. ITV Usage and Course Offerings
10. Class Schedules

Inventories are kept and updated annually and stored at the office or with the technology coordinator. COT and core data reports are on file in the office and available online at the DESE website. **Reviewed by TFA-1, 2, 3, 4, 5**

D. Policies and Procedures

1. Student Internet Acceptable Use Policy
2. Faculty and Staff Internet Acceptable Use Policy
3. Permission to Publish Student Work and/or Pictures on the Internet
4. CIPA Filtering Policy
5. Computer Software Licenses
6. District Copyright Policies
7. District 2003-2006 (2006-2007 extension) Technology Plan
8. NCLB Requirements, Title IID
9. E-rate Requirements
10. Safe Schools Act
11. Gift Policy

BOE minutes that indicate when district policies were board approved are on file in the Superintendent's office. Signed staff, parent, and student technology use policies are on file in the main office. **Reviewed by TFA-1, 2, 3, 4, 5**

E. Curriculum Standards

1. DESE Show-Me Standards
2. DESE Grade Level Expectations
3. National Educational Technology Standards (NETS) for students, teachers, and administration.
4. Missouri Education Technology Strategic Plan 2007-2011

All standards are available online through DESE's web page. ShowMe/GLEs are incorporated into EAT Online. Paper copies are on file in the district's office or the professional library. **Reviewed by TFA-1, 2, 4,**

F. Technology Budgets

1. Technology Budget
2. District Budget

All budgets are housed in the central office and are available upon request. **Reviewed by TFA-1, 2, 3, 4, 5**

G. Student, Teacher, and Administrator Standards.

1. Show Me Standards
2. Grade Level Expectations
3. National Educational Technology Standards for Students, Teachers & Administration
4. Eighth Grade Technology Literacy NCLB Requirements
5. Missouri Education Technology Strategic Plan 2007-2011

All standards are available online through DESE's web page. Paper copies are on file in the district offices or the professional library. Reviewed **by TFA-1, 2, 3, 4**

H. Professional Development Data

1. Professional Development Committee Needs Assessments and Evaluations
2. Technology Inservice Evaluations
3. Staff Technology Surveys

The Professional Development committee administers needs assessments and surveys to determine teacher needs. The committee collects data on training and professional development sessions to evaluate training and plan future sessions. **Reviewed by TFA-2**

I. Administrative Networking Tools

1. DataTeams Financial Management Software
2. Crystal Reports to Investigate Results of MAP Tests
3. MOREnet Internet Bandwidth Usage (MyMOREnet--Netflow Reports)
4. District Internet Content Filtering
5. File Server to Store Files and Documents
6. DESE Web Applications

These programs are maintained on administrative computers throughout the district , the server room and in the LMC. **Reviewed by TFA-1, 3, 4, 5**

J. Data Management Tools

1. Curriculum Guides/EAT Online
2. EasyGrade Pro
3. Winnebago Library Automation Program
4. SISWIN Student Records Program

Curriculum guides are available in the professional library, in the classrooms and on EAT Online. EasyGrade Pro is a stand-alone program and available on all staff computers. The library program is maintained on a file server. SISWIN is available to administers, the counselor and appropriate support staff. **Reviewed by TFA-1, 2, 3, 4, 5**

K. Communications Tools

1. MOREnet Contract
2. MOREnet Kinetic E-mail for Staff
3. Local Media Outlets, Radio, Newspapers--*Keytesville Phoenix* and *Tiger Tracks*
4. District Web page *(schoolweb.missouri.edu/keytesville.k12.mo.us)*
5. CenturyTel Telephone Corporation
6. Intercom System

Subscriptions to MOREnet & Kinetic e-mail is renewed each school year. **Reviewed by TFA- 3**

L. Total Cost of Ownership

1. Hardware, Software, Other Equipment Technology Inventories and Location
2. Cost of Maintenance and Repair Reports
3. Purchase Orders for Technology Resources and Repairs
4. MOREnet Contract
5. Timely Replacement of Outdated Equipment and Software
6. Training of Staff Members for New Technologies
7. District and Technology budgets

Inventories are maintained in the central office and with the technology coordinator. Total cost of ownership has been determined from this documentation. **Reviewed by TFA-1, 2, 3, 4, 5**

M. Facilities

1. Infrastructure (T-1, Ethernet-Cat 5 Wiring, Wireless Connection, Electrical Capacity and Outlet Placement.)
2. Networked Servers--Backup, Surge Protection, Firewall, Content Filtering.

File server, infrastructure, and technology wiring are maintained by the technology coordinator with electrical capacity/health maintained by the district's custodial staff .

Reviewed by TFA-1, 2, 3, 4, 5

Total Cost of Ownership (TCO)

The biggest decision the district has made because of TCO is in regards to printers, copiers and ink/toner supplies. Each individual classroom has traditionally had a ink jet or laser printer and access to a networked laser printer. In the fall of 2005 a networked copier/printer located in the center of the building was setup and can be accessed by all district staff. Ink/toners costs were greatly reduced. Classroom printers are only allotted one cartridge per year and as they become obsolete, loose their connectivity to new computers, or die they will not be replaced.

Technology Budget	
2004-2005	$ 20, 113
2005-2006	$ 48, 111
2006-2007	$ 61,614

Technology Budget 2006-2007	
EAT Online	$2, 000
Equipment--Computers	$42, 838
Maintenance Agreements	$3,682
MOREnet Contract T-1 Line	$2,250
Software	$7,000
Support Staff PD	$700
Supplies	$500
Telephone System	$2,644
TOTAL	**$61,614**

Progress Toward Meeting Goals and Action Steps of 2003-2006 (2006-2007 Extension) Technology Plan

GOALS, OBJECTIVES, AND ACTION PLANS			
TECHNOLOGY FOCUS AREA	Student Learning # 1		
GOAL(S)	• All students and staff will be provided with up-to-date appropriate technologies on an equitable basis and the opportunities to use those technologies through administrative and instructional means to maximize productivity and skill development which will lead to improved student achievement. • All students, staff, and classrooms will be linked to educational resources within the building, community, and our global world to expand our educational opportunities which will improve learning and increase performance with appropriate protection in accordance with Acceptable Use Policies and CIPA requirements.		
Show-Me Standard--1.2, 4-10, 2.1-7	**MSIP--**6.1.3, 6.3.2, 4-5, 6.4.1-4, 6.6.1, 6.8.1, 7.3.1, 9.1-9.4	**CSIP--**8.2.1, 8.3.2-5	**FROM ANALYSIS--**SL 1-12
Title II. D Program goals (technology integration and 8th grade technology literacy)		**State Technology Standards--**S1	

OBJECTIVE	Through the district's access to and the utilization of technology, the district's annual Performance Report for MSIP Performance Standards will be met in all areas.	**Met/Not Met**	**Substantially MET--Ongoing**
ACTION STEPS	**Sub MET Ongoing**	Continue providing all students and staff equitable access to modern computers, the Internet, and other technology tools.	
	MET Ongoing	Continue providing a safe learning environment by having appropriate firewalls, Internet filtering and AUPs in place.	
	MET Ongoing	Encourage vocational programs to lead the way with curriculum offerings and technology tools that prepare students for higher education and the job market.	
	MET Ongoing	Provide more opportunities for students to utilize technology presentation skills by offering a multimedia class.	
	MET Ongoing	Provide more opportunities for students to move beyond the basics by offering more learning opportunities utilizing and accessing technology in the classrooms.	
	MET Ongoing	Provide open library for 2 hours every Wednesday after school for students to utilize LMC resources (Reading Counts, SIRS, card catalog).	
	MET	Provide opportunities to utilize technology in summer school classes.	
	NOT MET	Establish eMints Classrooms.	

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Student Learning			# 2
GOAL(S)	• All students and staff will be provided with up-to-date appropriate technologies on an equitable basis and the opportunities to use those technologies through administrative and instructional means to maximize productivity and skill development which will lead to improved student achievement. • All students, staff, and classrooms will be linked to educational resources within the building, community, and our global world to expand our educational opportunities which will improve learning and increase performance with appropriate protection in accordance with Acceptable Use Policies and CIPA requirements.			
SHOW-ME STANDARDS--1.2, 4-10, 2.1-7	**MSIP--** 6.1.3, 6.3.2, 4-5, 6.4.1-2 & 4, 6.8.1 & 4, 9.3-4	**CSIP--**8.2.1, 8.3.2-5	**FROM ANALYSIS--**SL3-4, 11	
Title II. D Program goals (technology integration and 8th grade technology literacy)		**State Technology Standards--**S1		
OBJECTIVE	Through the utilization of the district's ITV network/consortium, the number of advanced courses offered for dual credit, the percentage of students enrolled in those classes will increase, and the percentage of ACT scores at the national average will increase.	**Met/Not Met**	**Substantially MET--Ongoing**	
ACTION STEPS	**MET Ongoing**	Determine advanced course offerings and schedule (principal/counselor) after consultation with consortium members and Central Methodist College.		
	MET Ongoing	Enroll students in ITV advanced/dual credit classes.		
	MET Ongoing	Conduct classes over Polycom ITV network through Central Methodist College.		
	MET Ongoing ACT-NOT MET	Evaluate the effectiveness of ITV advanced dual credit classes.		
	MET Ongoing	Seek reimbursement for credit hours earned from Ingram Fund if A or B is received for class work.		

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Student Learning			# 3
GOAL(S)	• All students and staff will know the standards, have the training, and ongoing support necessary to increase the utilization of technology leading to its proficient use.			
SHOW-ME STANDARDS--1.2, 4-10, 2.1-7	**MSIP--**6.1.3, 6.3.2 & 4-5, 6.4.1-4, 6.6.1, 6.8.1, 7.3.1	**CSIP--**8.2.1 & 4, 8.3.2-6	**FROM ANALYSIS--**SL 1-12	
Title II. D Program goals (technology integration and 8th grade technology literacy)		**State Technology Standards--**S1, S2		
OBJECTIVE	Eighty (80) percent of our students will demonstrate 75% mastery on a locally designed rubric based on the National Education Technology Standards (NETS) for students.		**Met/Not Met**	**NOT MET Ongoing**
ACTION STEPS	**MET**	Adopt NETS for students.		
	NOT MET Ongoing	Develop rubric for NETS assessment.		
	NOT MET Ongoing	Provide technology skills training by integrating into the curriculum more objectives requiring technology skill development into learner activities and assessments.		
	NOT MET at ELEM Ongoing	Continue to provide keyboarding and basic skills at the elementary and jr. high levels.		
	MET Ongoing	Continue to provide a technology rich curriculum by offering classes that directly utilize technology tools on a daily basis (keyboarding, computer operations, accounting, office technology, yearbook, web page design).		
	MET Ongoing	Add new curricular offerings as need/demand dictate during the regular school year and as a summer school elective (multimedia production, web page design).		
	MET Ongoing	Continue information/technology skill training to access district resources through the LMC (card catalog, SIRS, Reading Counts) to support the curriculum.		
	MET Ongoing	Acquire, provide the training, and support for new and emerging technologies (hardware and software).		

EVALUATION SUMMARY--STRENGTHS AND WEAKNESSES DATA EXAMINED 2003-2006/07 TECHNOLOGY PLAN	
Student Learning (TFA 1)	
STRENGTHS	**WEAKNESS**
1. Map scores and other standardized assessment scores have been consistently high with a few exceptions. 2. Acceptable Use Policies and Procedures and Board of Education Policies and Regulations are in place. 3. District career education programs provide high levels of technology tools for their students to master the ShowMe Standards. 4. All classrooms have Internet access. 5. The ratio of student per multimedia-Internet connected computers is below the state average and equitable access is provided to multiple technology tools. 6. Curriculum offerings are enhanced by the ITV classroom and the ability to deliver dual-credit classes. 7. District resources are available to students and staff through the LMC. 8. Technology to enhance learning and teaching is supported by students, staff, parents and the Board of Education. 9. Internet safety and technology ethics are taught at the elementary. 10. The percent of 8th graders considered technology literate has increased.	1. Some grade levels/subject area needs to move students from the basic and below basic categories on the MAP Assessment. 2. The percentage of graduates taking the ACT and the average composite score must be increased. 3. The ITV classroom is under utilized. 4. Technology Standards (NETS) need to be integrated into the curriculum and grade level expectations with appropriate assessments. 5. Keyboarding/basic computer skills need to be taught on a consistent basis on the elementary level. 6. The district has no eMints classrooms. 7. Internet safety and technology ethics are taught in a hit and miss basis on the high school level.

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Teacher Preparation and Delivery of Instruction # 1			
GOAL(S)	• All students and staff will be provided with up-to-date appropriate technologies on an equitable basis and the opportunities to use those technologies through administrative and instructional means to maximize productivity and skill development which will lead to improved student achievement. • All students, staff, and classrooms will be linked to educational resources within the building, community, and our global world to expand our educational opportunities which will improve learning and increase performance with appropriate protection in accordance with Acceptable Use Policies and CIPA requirements.			
SHOW-ME STANDARDS--1.2, 4-10, 2.1-7	**MSIP--**6.1.1-4, 6.2.1, 6.3.1-2 & 4, 6.4.1-4, 6.6.1, 6.8.1, 4, 6.7.1-6, 6.8.1, 7.3.1	**CSIP--**8.2.1, 8.3.2-5	**FROM ANALYSIS --**TP/DI 1, 4-7	
State Technology Standards--T 1, T2				
OBJECTIVE	Staff members will integrate technology into the curriculum on all grade levels in all content areas and increase technology usage by writing at least 2 objectives (learner activities and assessments) utilizing technology skills.		**Met/Not Met**	**NOT MET Ongoing**
ACTION STEPS	**MET Ongoing**	Provide a safe and secure technology environment for students and staff by reviewing and training all staff members on CIPA guidelines and district policies as they relate to technology usage. Signed AUPs for all students and staff utilizing the district's resources, copyright laws and other pertinent guidelines will be reviewed.		
	NOT MET Ongoing	Release time will be provided for curriculum committees to write learner objectives and assessments which utilize technology.		
	Sub MET Ongoing	Technology tools (computers, printers, scanners, LCD projectors, digital camera, mimeo boards, VCR/TVs, laser disc players, DVD players, and software) will be provided to assist teachers in integrating technology into their classrooms.		
	MET Ongoing	Maintain computer usage logs.		
	NOT MET Ongoing	Monitor lesson plans as they relate to technology		
	NOT MET Ongoing	Provide inservice as described in TP/DI # 2.		
	MET Ongoing	Provide LMC resources, skill development practice, and assistance with projects that incorporate technology into the curriculum.		
	NOT MET Ongoing	Include technology usage assessment with PBTEs.		

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Teacher Preparation and Delivery of Instruction # 2			
GOAL(S)	• All students and staff will know the standards, have the training, and ongoing support necessary to increase the utilization of technology leading to its proficient use.			
SHOW-ME STANDARDS--1.4, 2.7		**MSIP--**6.7.1-6, 6.8.1	**CSIP--**8.2.1, 8.3.2-5	**FROM ANALYSIS--**TP/DI 2-3, 8-9
State Technology Standards--T 1, T2				
OBJECTIVE	Staff members will increase technology skills to enable productive work and increase student learning.			**Met/Not Met** **NOT MET Ongoing**
ACTION STEPS	**MET**	Adopt NETS for teachers and develop a rubric to evaluate those skills. **(rubric not developed)**		
	MET Ongoing	Provide new teacher skill evaluation and training for district networked resources before the start of the school year.		
	MET Ongoing	Assess inservice needs through technology surveys, skills assessments, and PDC needs assessments, **then provide that identified inservice. (NOT MET)**		
	NOT MET Ongoing	Provide early release time for staff to learn the skills necessary to integrate technology into their classrooms.		
	MET Ongoing	Provide one-on-one/small group training sessions during planning periods, before and/or after student contact hours.		
	NOT MET	Identify (TAGLIT) and utilize lead teacher/trainers proficient in the use of technology tools to assist/support other staff members in the use of technology.		
	NOT MET Ongoing	Investigate the possibilities of offering inservice training via our ITV classroom.		
	MET Ongoing	Provide the opportunity for teacher evaluation of the total technology plan and to offer suggestions for improvement/adjustment.		
	MET Ongoing	Make available opportunities for staff to attend out-of-district workshops and conferences promoting technology as a learning tool.		
	MET Ongoing	Provide training and support for all LMC resources i.e. hardware (workstations, printers, LCD projector, mimeo board, digital cameras, scanners, etc.) and software (card catalog, Reading Counts, SRI, SIRS, etc.).		
	NOT MET	Provide Training for eMints classroom teachers and support staff.		

EVALUATION SUMMARY--STRENGTHS AND WEAKNESSES DATA EXAMINED 2003-2006/07 TECHNOLOGY PLAN	
Teacher Preparation (TFA 2)	
STRENGTHS	**WEAKNESS**
1. Teachers use technology for professional and personal use on a regular basis. 2. All PK-12 teachers have access to a multimedia computer connected to the Internet. 3. Teachers are evaluating students' knowledge using technology tools. 4. The majority of staff is at the intermediate or advanced tier of computer knowledge. 5. National Education Technology Standards (NETS) for teachers and administrators have been adopted by the Board of Education.	1. Teachers need more training to incorporate inquiry-based/constructivist methods into instruction. 2. Teachers need more training on the integration of technology into the curriculum and grade level expectations. 3. Not all teachers use technology resources on a consistent basis. 4. NETS standards need to be incorporated into teachers' PBTE evaluations. 5. Time--the majority of technology professional development is conducted after hours. 6. Not all subject areas have technology standards with assessments entered into our online curriculum program (EAT Online).

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Administration/Data Management/Communication Processes # 1			
GOAL(S)	• All students and staff will be provided with up-to-date appropriate technologies on an equitable basis and the opportunities to use those technologies through administrative and instructional means to maximize productivity and skill development which will lead to improved student achievement.			
SHOW-ME STANDARDS--1.4, 2.7	**MSIP--**6.4.1 & 3, 6.7.1, 5-6	**CSIP--**8.3.2, 3-6	**FROM ANALYSIS--**A/DM/CP 1-2, 7	
State Technology Standards--A1, A2				
OBJECTIVE	The use of management software will increase productivity of support staff.		**Met/Not Met**	**Substantially MET--Ongoing**
ACTION STEPS	**MET Ongoing**	Continue and maintain present SIS software database for student management.		
	NOT MET Ongoing	Purchase SIS PDF Permanent Records Online Transcript Storage Module.		
	MET Ongoing	Attend SIS Student Management Software training.		
	MET	Relocate or purchase R/W CD-ROM for use by office staff.		
	MET Ongoing	Continue software maintenance agreement support for SIS.		

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Administration/Data Management/Communication Processes # 2			
GOAL(S)	• All students and staff will be provided with up-to-date appropriate technologies on an equitable basis and the opportunities to use those technologies through administrative and instructional means to maximize productivity and skill development which will lead to improved student achievement.			
SHOW-ME STANDARDS--1.4, 2.7	**MSIP--**6.4.1 & 3, 6.7.1 & 5-6	**CSIP--**8.3.2, 3-6	**FROM ANALYSIS--**A/DM/CP 1-2, 8	
State Technology Standards--A2				
OBJECTIVE	The use of management software will increase productivity of support staff.		**Met/Not Met**	**MET--Ongoing**
ACTION STEPS	**MET**	Purchase Windows version of Data Teams Financial Systems Software.		
	MET Ongoing	Attend Data Teams Financial Systems software training.		
	MET Ongoing	Continue software maintenance agreement support for Data Teams Financial Systems Software.		

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Administration/Data Management/Communication Processes # 3			
GOAL(S)	• All students and staff will be provided with up-to-date appropriate technologies on an equitable basis and the opportunities to use those technologies through administrative and instructional means to maximize productivity and skill development which will lead to improved student achievement.			
SHOW-ME STANDARDS--1.4-5, 2.7		**MSIP--**6.3.3, 6.4.1-4, 6.7.1 & 5-6, 9.2	**CSIP--**8.3.2, 3-6	**FROM ANALYSIS--**A/DM/CP 1, 9
State Technology Standards--A1, A2				
OBJECTIVE	The use of an automated reading assessment tool will increase staff productivity, assist in assessing student reading needs, and meet MSIP Standards and No Child Left Behind guidelines.		**Met/Not Met**	**Substantially MET--Ongoing**
ACTION STEPS	**MET**	Purchase Scholastic Reading Inventory (SRI) software and support.		
	MET	Integrate SRI with Scholastic Reading Counts on the network.		
	MET Ongoing	Provide SRI training to pertinent staff members.		
	MET Ongoing	Assess students' reading ability/needs through SRI.		
	MET Ongoing	Plan teaching strategies to improve students' reading achievement.		
	MET Ongoing	Match students with books appropriate for their reading level.		

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Administration/Data Management/Communication Processes # 4			
GOAL(S)	• All students and staff will be provided with up-to-date appropriate technologies on an equitable basis and the opportunities to use those technologies through administrative and instructional means to maximize productivity and skill development which will lead to improved student achievement. • All students, staff, and classrooms will be linked to educational resources within the building, community, and our global world to expand our educational opportunities which will improve learning and increase performance with appropriate protection in accordance with Acceptable Use Policies and CIPA requirements.			
SHOW-ME STANDARDS--1.4, 2.7	**MSIP--**6.4.1 & 3, 6.6.1 6.7.1 & 5-6	**CSIP--**8.3.2, 3-6, 8.2.4	**FROM ANALYSIS--**A/DM/CP 1, 4	
State Technology Standards--A1, A2				
OBJECTIVE	Teachers will increase utilization of productivity and communication software to assist them in classroom management and communication skills through safe and appropriate means.		**Met/Not Met** **MET Ongoing**	
ACTION STEPS	**MET Ongoing**	Provide a safe and comfortable environment for staff utilization of district resources with appropriate firewalls, filtering and antivirus software in place with properly signed MOREnet and district AUPs.		
	MET Ongoing	Provide training on Easy Grade Pro, email communication for attendance, lunch count and the daily bulletin for all new staff.		
	MET Ongoing	Hold individual/small group refresher courses for returning staff on above as needed.		
	MET Ongoing	Install Easy Grade Pro on new district resources and provide disks for staff use at home.		

EVALUATION SUMMARY--STRENGTHS AND WEAKNESSES DATA EXAMINED 2003-2006/07 TECHNOLOGY PLAN	
Administration/Data Management/Communication Process (TFA 3)	
STRENGTHS	**WEAKNESS**
1. All policies and regulations relating to technology are in place including usage (AUPs--student, staff, and community), filtering (CIPA), firewalls, copyright and gifts. 2. All administrators, teachers and appropriate staff have access to multimedia Internet connected computers for communication through email. 3. Technology is used as an administration/ management tool for record keeping, core data reporting and accounting purposes. 4. All teachers have access to an electronic grade book system and acrobat documents have been created for IEP management for special services. 5. The LMC is automated to provide circulation, inventory control, administration and to evaluate its resources. 6. The district website provides access to board polices, district handbooks, PDC and technology plans, daily bulletin and teacher developed web pages. 7. Scholastic Reading Inventory provides an automated system to access student reading levels. 8. ShowMe Curriculum's Electronic Alignment Tool (EAT Online) is available for staff to access and complete all MSIP requirements for curriculum. 9. All classrooms have telephone or talk-back intercom access to the central office.	1. Presently student transcripts are stored on microfiche film and viewed/printed on outdated equipment. 2. SIS records are shared via a file-sharing Windows XP machine and needs to be updated to web-based for dual platform access. 3. An increasing number of students are taking classes via ITV, online, or futuristically MoVIP and need access to email accounts managed by the district. 4. Not all MSIP required curriculum components and subject areas have been added to EAT Online. 5. Not all classrooms have telephone access.

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Resource Distribution and Use			# 1
GOAL(S)	• All students, staff, and classrooms will be linked to educational resources within the building, community, and our global world to expand our educational opportunities which will improve learning and increase performance with appropriate protection in accordance with Acceptable Use Policies and CIPA requirements.			
SHOW-ME STANDARDS--1.4, 2.7 4.4 & 7		**MSIP**--6.1.3, 6.4.1-4 6.6.1, 6.8.1-2	**CSIP--**8.2.4, 8.3.2-6	**FROM ANALYSIS** RDU 1, 3, 7-8
State Technology Standards--R 1				
OBJECTIVE	The district will provide an infrastructure including telecommunications and Internet access to support resources available through the LAN and our global society to increase technology usage by students and staff through safe and appropriate means.		**Met/Not Met**	**Substantially MET--Ongoing**
ACTION STEPS	**MET Ongoing**	Follow appropriate AUP and CIPA guidelines.		
	MET Ongoing	Monitor network health.		
	MET	Provide Internet access to the preschool building.		
	NOT MET Ongoing	Upgrade network server hardware.		
	MET Ongoing	Maintain T-1 connection through MOREnet		
	MET Ongoing	Continue to provide telephone and intercom talk/call back service to classrooms.		

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Resource Distribution and Use # 2			
GOAL(S)	• All students and staff will be provided with up-to-date appropriate technologies on an equitable basis and the opportunities to use those technologies through administrative and instructional means to maximize productivity and skill development which will lead to improved student achievement. • All students and staff will know the standards, have the training, and ongoing support necessary to increase the utilization of technology leading to its proficient use. • All students, staff, and classrooms will be linked to educational resources within the building, community, and our global world to expand our educational opportunities which will improve learning and increase performance with appropriate protection in accordance with Acceptable Use Policies and CIPA requirements.			
SHOW-ME STANDARDS--1.2 & 4-7, 2.1-7		**MSIP--**6.1.3, 6.4.1-2 & 4 6.8.1, 7.3.1, 9.4	**CSIP--**8.2.4, 8.3.2-6	**FROM ANALYSIS--**RDU 1, 3, 7-8
State Technology Standards--R 1				
OBJECTIVE	The district will provide adequate technologies in sufficient quantities to support technology within the curriculum and support the educational needs of students and staff.		**Met/Not Met**	**NOT MET Ongoing**
ACTION STEPS	**MET Ongoing**	Evaluate existing hardware to ensure it meets the needs of students and staff.		
	NOT MET Ongoing	Replace and upgrade computers, printers and other tools as needed.		
	MET Ongoing	Update and add technologies in the business, agriculture and FACS education labs (computers, printer, scanners, digital camera).		
	MET Ongoing	Relocate existing technologies to better serve the needs of our students and staff.		
	NOT MET	Provide a portable computer lab to be used by instructors on an as-needed basis to integrate more technology into the classroom.		
	MET Ongoing	Continue to provide access to dual credit classes via our Polycom ITV classroom.		
	NOT MET Ongoing	Provide training for all students and staff on the use of any new or existing technologies as needed.		
	NOT MET Ongoing	Provide additional opportunities to utilize technology tools through curriculum integration and expansion.		
	NOT MET	Establish eMINTS Classrooms.		

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Resource Distribution and Use			# 3
GOAL(S)	• All students and staff will be provided with up-to-date appropriate technologies on an equitable basis and the opportunities to use those technologies through administrative and instructional means to maximize productivity and skill development which will lead to improved student achievement. • All students and staff will know the standards, have the training, and ongoing support necessary to increase the utilization of technology leading to its proficient use. • All students, staff, and classrooms will be linked to educational resources within the building, community, and our global world to expand our educational opportunities which will improve learning and increase performance with appropriate protection in accordance with Acceptable Use Policies and CIPA requirements.			
SHOW-ME STANDARDS--1.2 & 4-7, 2.1-7	**MSIP--**6.1.1 & 3,6.4.1-2 & 4 6.8.1, 7.3.1	**CSIP--**8.2.4, 8.3.2-6	**FROM ANALYSIS--**RDU 4	
State Technology Standards--R 1				
OBJECTIVE	Staff and student access to appropriate technology software resources will be increased to improve student achievement and staff productivity.		**Met/Not Met** **NOT MET Ongoing**	
ACTION STEPS	**MET Ongoing**	Assess software needs of students and staff and provide new software as funds allow.		
	NOT MET Ongoing	Provide additional licenses for software to meet the needs of students and staff.		
	MET Ongoing	Provide new or additional training for students and staff on software purchased.		
	NOT MET Ongoing	Provide students additional opportunities to utilize technology tools through the continued integration and expansion of technology into the curriculum.		
	NOT MET	Purchase software to successfully implement eMINTS classrooms.		

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Resource Distribution and Use			# 4
GOAL(S)	• All students, staff, and classrooms will be linked to educational resources within the building, community, and our global world to expand our educational opportunities which will improve learning and increase performance with appropriate protection in accordance with Acceptable Use Policies and CIPA requirements.			
SHOW-ME STANDARDS--1.2 & 4-10, 2.1-7	**MSIP--**6.1.1 & 3, 6.4.1-2 & 4, 6.8.1	**CSIP--**8.2.1 & 4, 8.3.2-6	**FROM ANALYSIS--**RDU 4-5, 9-10	
State Technology Standards--R 1				
OBJECTIVE	Provide access to technology tools, resources and the necessary instruction to increase student achievement and to improve curriculum support.		**Met/Not Met** **NOT MET Ongoing**	
ACTION STEPS	**NOT MET**	Purchase site license for Spectrum Library Management/Card Catalog System software and support.		
	NOT MET	Provide training on the use of Spectrum, first to the library media specialist/technology coordinator and then to staff and students.		
	MET	Evaluate KMOS ITS services to determine feasibility of continuing membership.		
	MET Ongoing	Purchase additional Reading Counts quizzes to allow student access to more tests, especially over the latest in literature.		
	NOT MET	Update and provide access by dual platforms to SIRS Discoverer Deluxe.		

EVALUATION SUMMARY--STRENGTHS AND WEAKNESSES
DATA EXAMINED 2003-2006/07 TECHNOLOGY PLAN

Resources (TFA 4)

STRENGTHS	WEAKNESS
1. All PK-12 students and staff have equitable access to multimedia computers, Internet access and production software, with appropriate AUPS and filtering in place. 2. Two labs, one in the high school wing and one in the LMC (center of building) with desktop computers and a SmartBoard/InterWrite SchoolPad are available for individual or classroom use. 3. The ratio of students per multimedia Internet connected computers has dropped. 4. Dual platforms (PC and Macintosh) are available for access and training by students and staff. 5. Sixty percent of classrooms and both labs have a SmartBoard or InterWrite SchoolPad with projector. 6. All students and staff have access to digital cameras, TVs, VCRs, DVD players, networked laser printers/copiers and most classrooms have access to scanners and color inkjet or color laser printers. 7. The ITV classroom and Internet online courses allow students access to dual-credit classes and expands our curriculum offerings. 8. With the exception of the career education agriculture and preschool buildings, all students and staff are housed in a single, one floor building. 9. Internet access to MOREnet's online resources, (EBSCO Host, Student Research Center, NewsBank, Annenberg Media, NetSmartz, MO Resources, and others) eMints-eThemes, SuccessLink and other state supported resources provide safe, secure and reliable sources for students and staff.	1. The district needs to maintain, upgrade and acquire new technologies to keep up with students and staff needs and expectations. 2. To improve student achievement and to support the curriculum, software needs to be continually added/updated. 3. Electrical capacity, outlet placement and grounding needs to be updated in the high school wing. 4. Servers need to be updated to meet the expanded needs of students and staff. 5. Technology is not broken down in the district's budget and therefore, it is difficult to track. New sources to keep technology current must be identified. 6. LMC resources must serve the needs of all students and staff and the state requirements for LMC services by providing updated resources.

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Technical Support			# 1
GOAL(S)	• All students and staff will know the standards, have the training, and ongoing support necessary to increase the utilization of technology leading to its proficient use. • All students, staff, and classrooms will be linked to educational resources within the building, community, and our global world to expand our educational opportunities which will improve learning and increase performance with appropriate protection in accordance with Acceptable Use Policies and CIPA requirements.			
SHOW-ME STANDARDS--1. 4, 2.7	**MSIP--**6.4.1 & 3-4, 6.6.1	**CSIP--**8.3.6	**FROM ANALYSIS--**TS 1-4, 6	
State Technology Standards--TS 1				
OBJECTIVE	Technical support for district computing and infrastructure resources will be provided to ensure minimal loss of instructional and administrative time in accordance with CIPA guidelines and MOREnet/district AUPs.		**Met/Not Met** **Substantially MET--Ongoing**	
ACTION STEPS	**MET Ongoing**	Continue to designate a technology coordinator responsible for overseeing district technology coordination and a co-coordinator/support staff member to provide technical support for all district technology resources.		
	NOT MET Ongoing	Implement a system to track support/maintenance problems and establish a critical needs inventory to determine order of services rendered.		
	NOT MET Ongoing	Establish a budget to purchase miscellaneous repair items, test equipment, and software to maintain current and future technologies.		
	MET Ongoing	Continue to purchase 3 year computer extended warranties.		
	MET Ongoing	Continue to purchase maintenance contracts for critical administrative software packages.		
	MET Ongoing	Continue to out-source technical repairs to Brookfield Career Technical School .		
	MET Ongoing	Locate and out-source technical repairs to vendors when district support staff is unable to solve the problem.		
	MET Ongoing	Provide appropriate firewall and filtering software to provide a safe learning environment for students and staff.		

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	Technical Support			# 2
GOAL(S)	• All students and staff will know the standards, have the training, and ongoing support necessary to increase the utilization of technology leading to its proficient use.			
SHOW-ME STANDARDS--1. 4, 2.7	**MSIP--** 6.4.1, 3-4	**CSIP--**8.3.6	**FROM ANALYSIS--**TS 1, 4-5	
State Technology Standards--TS 1				
OBJECTIVE	Training for technical support staff will be sought to gain the knowledge and expertise necessary to ensure that access to appropriate technologies is increased for students and staff.		**Met/Not Met**	**Substantially MET--Ongoing**
ACTION STEPS	**MET Ongoing**	Provide technical support staff the opportunity to attend technology training sessions offered by MOREnet, adult career education classes, and other sources where appropriate.		
	MET Ongoing	Provide the opportunity for technology coordinators/support staff to attend DESE/MOREnet State Technology Leadership Conference.		
	MET Ongoing	Provide the opportunity for support staff to "shadow" (receive side-by-side training) outside vendors when work onsite is in progress.		

EVALUATION SUMMARY--STRENGTHS AND WEAKNESSES DATA EXAMINED 2003-2006/07 TECHNOLOGY PLAN	
Support (TFA 5)	
STRENGTHS	**WEAKNESS**
1. A district technology coordinator and co-support person are trained and available for technology support. 2. Critical software maintenance contracts are renewed annually and hardware warranties are extended to 3 years on most district purchased resources. 3. Routine maintenance is handled in a timely manner. 4. Technical support beyond the expertise of the staff is available via MOREnet and by outside venders to assist and solve technology problems.	1. There is no systematic protocol for communicating needs for technology support and records of repair for equipment are inconsistent and not up-to-date. 2. The district technology coordinator also serves as PK-12 media specialist. 3. Training for support staff must be ongoing and conducted in a consistent manner.

Goals

DISTRICT TECHNOLOGY GOALS

The following goals were developed to further the district's technology mission, fulfill our CSIP goals, align with the Missouri Education Strategic Plan, the Show-Me Standards, MSIP standards and Title IID (NCLB) Program requirements.

Please refer to Progress Toward Meeting Goals and actions steps 2003-2006/2007 extension (pages 11-27) to witness district alignment with the above plans/standards/requirements.

Student Learning--Technology Focus Area (TFA)-1

The district will facilitate a technology enriched environment which is embedded in the curriculum and will lead to high levels of academic achievement and performance which will prepare our students with 21st Century and lifelong learning skills.

Teacher Preparation--Technology Focus Area (TFA)-2

The district will provide teachers with training opportunities to utilize technology in the preparation, integration and delivery of instruction to motivate and challenge all student learning resulting in high levels of achievement and performance.

Administration, Data Management and Communication--Technology Focus Area (TFA)-3

The district will continually evaluate, manage and improve administrative and communication technologies in order to support district efforts to increase student achievement, enhance efficiency and productivity which builds knowledge and support of/for the district.

Resource Distribution--Technology Focus Area (TFA)-4

The district will provide adequate and equitable access to technology resources for all students and staff cultivating a positive learning, teaching and working environment which will support an atmosphere conducive to high levels of academic and professional performance.

Technical Support--Technology Focus Area (TFA)-5

The district will provide the knowledge, training and staff to maintain all available resources to meet the educational and professional needs of students and staff.

Student Learning

ANALYSIS OF CURRENT RAW DATA				
STUDENT LEARNING				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
SL-1	CSIP, MSIP, MAP, Crystal Reports, School Report Card, AYP.	**Strength**	MAP scores have been consistently high with few exceptions.	Five out of seven grades placed over 50% of students in the top two categories in the communication arts section of the MAP (CA4 & CA7 were in the top 10 for schools under 250). Four out of 7 grades placed over 60% of students in the top two categories in math on the MAP. The district has been recognized for Distinction in Performance two of the last three years.
SL-2	CSIP, MSIP, COT, CIPA, AUP, Board Policies, Regulations, and Forms, Teacher and Student Handbooks.	**Strength**	Acceptable Use Policies and Procedures and Board Policies and Regulations, and Forms as they relate to technology are in place and reviewed/revised as necessary.	Signed AUP by all students and staff are recorded and honored regarding access to district technology resources. Access to computers/network assets, the Internet, publishing of student work on the web and student pictures are delineated. Appropriate consequences for violations are in place for violations. Firewall and filtering software is in place to comply with CIPA.
SL-3	CSIP, MSIP, COT, Hardware/Software Inventory, TCO, Career Education Evaluations, FV-2, Student/Staff/Advisory Committee Surveys.	**Strength**	District career education programs provide high levels of technology tools to help students master technology skills	All three career education programs have classroom computer labs (desktops/laptops) from 11-18 units and are large enough for group activities. Learning opportunities are enhanced with SmartBoards, AirWriter/SchoolPads, printers, scanners, PDAs, digital cameras and projectors. Classes produce community viewed products (*Tiger Tracks,* District web page). Enhancement grants for all three departments have greatly enhanced available technology.
SL-4	CSIP, MSIP, COT, TCO, National and State Technology Education Goals.	**Strength**	All classrooms have Internet access.	Our last classroom, the separate preschool building, has been provided with wireless Internet access.

ANALYSIS OF CURRENT RAW DATA				
STUDENT LEARNING				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
SL-5	CSIP, MSIP, COT, Missouri 2006 Census of Technology Report/ Summary, TCO, Student/Staff Surveys, Classroom Usage Logs, Hardware/Software Inventories	**Strength**	The ratio of student per multimedia-Internet connected computers is below the state average and equitable access is provided to multiple technology tools.	Multimedia computer to student ratio has dropped from 2004 1.5 to about 1.2 in 2006. The state average is 2.73. The number of related technologies, networked laser printers/copiers, scanners, digital and video cameras, SmartBoards, SchoolPads, PDAs for student learning needs has increased.
SL-6	CSIP, MSIP, COT, Core Data, Class Schedules/Enrollments, Student Transcripts, College Credits Earned. ACT Scores	**Strength**	Curriculum offerings are enhanced by our ITV classroom and the ability to deliver dual-credit classes.	Our technology partnership with higher education allow us to offer advanced classes to help prepare students for the ACT. Students have access to 6 dual-credit classes. ITV classrooms help address teacher shortages and the ability of small rural schools to extend their curricular offerings.
SL-7	CSIP, MSIP, COT, Student/Staff Surveys, Hardware/Software, Inventories, TCO, Computer Usage Logs, LMC State Evaluations, Core Data, LMC Circulation Reports, Reading Counts and SRI Access Reports.	**Strength**	District resources are available to students and staff through the LMC.	A computerized card catalog compliments the curriculum. The Books Are Habit Forming Reading Program and its main components (Reading Counts, SSR, Buddy Reading, Battle of the Books) encourages student independent reading and promotes a lifelong reading habit. Access is expanded with open library for two hours every Wednesday.
SL-8	CSIP, MSIP, Student/Teacher, Advisory Committee Surveys, BOE Polices and Regulations, Community Communications, Impromptu Observations and Conversations.	**Strength**	Technology to enhance learning and teaching is supported by students, staff, parents and the Board of Education	Surveys, comments and observations of available technology and its importance to the academic success of students and the performance of its teachers, support staff and administration is evident in all areas relating to technology from all stakeholders.

ANALYSIS OF CURRENT RAW DATA				
STUDENT LEARNING				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
SL-9	CSIP, MSIP, MAP, Crystal Reports, School Report Card, AYP	**Strength**	Some grade levels/subject areas need to move students from the basic and below basic categories on the MAP Assessment.	Although historically (2003-2006) MAP scores are often above the state average, 2006 results showed 50 percent of third graders and 69.2 percent of 6th graders scored at the basic level on the MAP Assessment in communication arts. Ninety percent of third graders scored at the basic or below level on the MAP Assessment and 81.3 percent of tenth graders scored at the basic or below level on the math MAP assessment.
SL-10	CSIP, MSIP, Core Data, Class Schedules/Enrollments, Student Transcripts, College Credits Earned. ACT Scores, School Report Card, AYP	**Weakness**	The percentage of graduates taking the ACT and the average composite score must be increased.	Two out of the last three years, the percentage of district graduates taking the ACT was below the state average. For the past five years district students have scored below the state and national average on the ACT (2006--KHS 20.2; state 21.6; national 21.1).
SL-11	CSIP, MSIP, COT, Core Data, Class Schedules/Enrollments, Student Transcripts, TCO, Student/Staff Surveys, PDC Needs Assessment	**Weakness**	The ITV classroom is under utilized.	ITV classes for the past three years have only been held for 3-4 hours of the school day and usually for 3 days of the week. The district is not utilizing the full resources of the ITV classroom. Professional Development opportunities should also be investigated.
SL-12	CSIP, MSIP, COT, NETS Standards, NCLB (8th Grade Literacy), Curriculum Guides, EAT Online, GLEs, Assessments, and Scoring Guides, BOE Polices and Regulations	**Weakness**	Technology Standards (NETS) need to be integrated into the curriculum and grade level expectations with appropriate assessments.	Although the percentage of eighth grade students considered to be technology literate has raised the last three years (60% to 85%) it is below the state median of 90%. NET Standards have been adopted by the BOE and need to be better integrated into the curriculum and grade level expectations with appropriate assessments via EAT Online.

ANALYSIS OF CURRENT RAW DATA				
STUDENT LEARNING				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
SL-13	CSIP, MSIP, COT, NETS Standards, NCLB (8th Grade Literacy), Curriculum Guides, EAT Online, GLEs, Scoring Guides and Assessments.	**Weakness**	Keyboarding/basic skills classes need to be taught on a consistent basis on the elementary level	Since our last technology plan was developed, our career education business position has become a half-time position leaving no class period/staff to offer elementary technology/keyboarding skills classes. All projects at the elementary level must first begin with basic/refreshing skills before the actual learning activity can occur.
SL-14	CSIP, MSIP, COT, Curriculum Guides, Student/Staff Surveys, PDC Needs Assessment.	**Weakness**	The district has no eMints classrooms.	The research based successful eMints model has proven student achievement and teacher production is improved when inquiry-based/constructivist methods of teaching and learning fueled by technology is part of every classroom. Funding to support the necessary professional development and technology tools to implement this program are not available at this time.
SL-15	CSIP, MSIP, Student/Staff Surveys, Curriculum Guides, NETS Standards.	**Weakness**	Internet safety and technology ethics are taught in a hit and miss basis on the high school level.	Elementary LMC classes and junior high keyboarding have planned activities utilizing the NetSmartz curriculum to teach safety and ethical Internet use. High school training is basically left to the discretion of individual teachers.

GOALS, OBJECTIVES, AND ACTION PLANS				
TECHNOLOGY FOCUS AREA	**Student Learning**			
GOAL	The district will facilitate a technology enriched environment which is embedded in the curriculum and will lead to high levels of academic achievement and performance which will prepare students with 21st Century and lifelong learning skills.			
OBJECTIVE(S)	• Student academic achievement and performance will improve noted by the percentage above the state average on the advanced or proficient levels on the MAP and/or the percentage above the state average on the ACT scores. • All students will be provided with essential resources and relevant opportunities to met learner objectives/standards at all levels.			
Show-Me Standard--1.2, 4-10, 2.1-7	**MSIP--**6.1.3, 6.3.2, 4-5, 6.4.1-4, 6.6.1, 6.8.1, 7.3.1, 9.1-9.4	**CSIP--**8.2.1, 8.3.2-5	**FROM ANALYSIS--**SL 1-15	**State Technology Standards--**S1 & S2
Title II. D Program goals (technology integration and 8th grade technology literacy)				

Action Step/Activities/Strategies	Progress Expected/ Measured	Correction Strategies	Time Frame/ Reviewed	Budget/Funds	Person(s) Responsible
Finish incorporating NETS Standards into the curriculum with the appropriate GLEs, activities, assessments and alignment. Teachers and the library media specialist will utilize developed technology rich lessons to enhance student learning and performance.	The number of lessons/activities utilizing technology will increase because of technology integration. Monitoring and observation of lesson plans will reflect an increase in instructional strategies utilizing technology -------- EAT Online will be used to analyze all required elements. MAP scores will improve.	Provide additional individual or group training on the integration of technology standards. Locate new and evolving lessons/activities/projects utilizing technology aligned with the GLEs via SuccessLink, eThemes, etc. or develop new projects.	7/2007-6/2010 ongoing Reviewed Annually	$5,000 Local Funds Career Ladder PDC Contracted Time	Administration Technology Coordinator Teachers Library Media Specialist
Develop assessments to more accurately measure technology literacy skills.	One hundred (100) percent of eighth graders will be technology literate. --------The developed assessment will determine the technology literacy of students as reported to COT for NCLB.	Provided additional opportunities for students to use technology tools to master student standards.	Developed by 5/2008 Administrated 5/2008-5/2010 ongoing Reviewed/ Administered/ Annually	$500 Initially Local Funds Career Ladder Contracted Time	Administration Technology Coordinator Appropriate Teachers Library Media Specialist
Reintroduce and teach elementary keyboarding/basic skills beginning at the third grade level.	Basic skills assessments/keyboarding lesson reports will be used to evaluate the knowledge and ability of the students as they show improvement. --------WPM will start at 15 and increase in increments of 5. An acceptable level on scoring guides will be achieved.	Increase the time allowed for elementary technology/basic skills classes and/or provide individualized instructions.	7/2007-6/2010 ongoing Reviewed Annually	No Additional Funds Existing Software and Staff Contracted Time	Administration Technology Coordinator Keyboarding Teacher

Action Step/Activities/Strategies	Progress Expected/ Measured	Correction Strategies	Time Frame/ Reviewed	Budget/Funds	Person(s) Responsible
Train students on the ethical, cultural and social issues involved in technology use and while using the Internet.	A safe learning environment will be provided following CIPA guidelines. Students will earn their NetSmartz Internet safety license. --------Scoring guides will include ethical use following copyright, work cited and netiquette.	All rules, guidelines and AUPs will be reviewed, evaluated and reinforced when and where violations occur, change or more training is warranted.	7/2007-6/2010 ongoing Reviewed Annually	No Additional Funds NetSmartz Existing Staff Contracted Time	Administration Technology Coordinator All Teachers Library Media Specialist
Expand curricular offering by utilizing ITV classroom, online courses and investigate the possibilities available through MoVIP.	Course offerings including dual-credit courses will increase student achievement. Access to viable independent offerings will increase. These opportunities will be incorporated into career planning opportunities. --------The percentage of students taking and scoring at/above the state/national average on the ACT will increase.	More career planning and available opportunities via external resources will be explored.	7/2007-6/2010 ongoing Reviewed Annually Class Schedules	$1,000-$5,000 Annually Local Funds Ingram Funds (Reimbursement of Dual Credit Tuition)	Administration Counselor Technology Coordinator
Crystal Reports will help to evaluate data and to determine areas/trends of weakness in MAP scores.	Student achievement will increase as a result of reinforcing weak curricular areas. --------Map test scores and local assessments will be reviewed to evaluate improvements or identified weaknesses.	Identified weaknesses will be strengthened by revising or realigning the curriculum.	7/2007-6/2010 ongoing Reviewed Annually	$500 Annually Career Ladder Early Release Time Local Funds	Administration Counselor Teachers Library Media Specialist Technology Coordinator
Establish eMints classroom(s)	Through the establishment of an eMints classroom, student achievement and performance will increase through the use of inquiry-based methods of learning enhanced by technology. --------MAP scores reflecting student achievement will improve. Teacher evaluations will reflect these methods.	Provide more training for teachers to incorporated inquiry-based instruction into the curriculum.	Initially 7/2008-then ongoing Reviewed Annually	$35,000 Annually + PD for Teachers REAP, Title IID, Governor's 100 eMints Classroom Initiative, Local Funds	Administration Teachers Technology Coordinator
Continue to encourage career education programs to excel with curricular offerings and technology tools that prepare students for higher education and the workplace.	The number of career education classes utilizing technology tools will be maintained at a high level/increase which will prepare students for post secondary education and the workplace. --------Career education/grant evaluations will determine if the goals/objectives were met.	Career education class offerings and the curriculum to support it will be examined and realigned if necessary.	7/2007-6/2010 ongoing Reviewed Annually	$5,000-2007/08 $32,000 2008/09 $32,000 2009-2010 REAP, Ag/Bus/ FACS Enhancement Finnell Funds Local Funds	Administration Counselor Career Education Staff Technology Coordinator
Continue to provide learning opportunities, resources and technology skills training that support the curriculum through the LMC.	Learning opportunities will increase by having after school open library 2 hours per week for students to utilize the LMC resources. --------Reading Counts results will be maintained at high levels and teacher surveys will show positive results. The LMC annual evaluation will remain at high levels.	The LMC Collection Improvement Plan and services provided will be reevaluated and revised if necessary.	7/2007-6/2010 ongoing Reviewed Annually	$10,000 Annually REAP, LMC Budget, Local Funds	Administration Library Media Specialist Technology Coordinator

Teacher Preparation

ANALYSIS OF CURRENT RAW DATA				
TEACHER PREPARATION				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
TP-1	CSIP, MSIP, COT, Staff Surveys	**Strength**	Teachers use technology for professional and personal use on a regular basis.	Percentages as recorded on COT and staff/student surveys over the past three years have all risen to show more teachers are utilizing technology resources to research, produce and present products as part of the learning process. This is more evident at the jr. and sr high levels.
TP-2	CSIP, MSIP, COT, TCO, Staff Surveys, Software/Hardware Inventories	**Strength**	All PK-12 teachers have access to a multimedia computer connected to the Internet.	With the completion of our wireless connection in the preschool building, all classrooms are now connected to the Internet. All computers are multimedia equipped.
TP-3	CSIP, MSIP, COT, Portfolios, Scoring Guides, District's Web Page Evaluations	**Strength**	Teachers are evaluating students' knowledge using technology tools	Technology tools are being used to create finished products for assignments and community consumption. Portfolios, multimedia presentations, desktop publishing documents and web pages are generated by students (*Tiger Tracks, Regit*, district's web page, student developed slide presentations at awards banquets and assemblies). Many teachers are creating and utilizing web-based assessment tools and sites.
TP-4	CSIP, MSIP, COT, Staff Surveys	**Strength**	The majority of staff is at the intermediate or advanced tier of computer knowledge.	For the first time, our annual COT reports, all teaching staff feel they are at/above the intermediate/advanced level of proficiency.
TP-5	CSIP, MSIP, COT, Staff Surveys, NETS Standards for Teachers and Administrators, PBTE	**Strength**	National Education Technology Standards (NETS) for teachers and administrators have been adopted by the Board of Education.	Although NETS Standards were adopted by the Board of Education in January of 2006, they are not part of our PBTE at this time.

ANALYSIS OF CURRENT RAW DATA				
TEACHER PREPARATION				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
TP-6	CSIP, MSIP, COT, Staff, TCO, Surveys, PD Needs Surveys, Research Based Success Projects, eMints National Model	**Weakness**	Teachers need more training to incorporate inquiry/based, constructivist methods into instruction.	The district has no eMints classrooms. Three staff members have taken an eMints Summer Sampler Course, but this is only a beginning. Research shows that this type of instruction leads to higher levels of student achievement.
TP-7	CSIP, MSIP, COT, Staff Surveys, PD Needs Assessment	**Weakness**	Teachers need more training on the integration of technology into the curriculum and grade level expectations.	Over the past three years, the percentage of teachers reporting that they feel technology is fully integrated has wavered between 40 and 67 percent. Higher percentages are reported at the junior high and high school levels.
TP-8	CSIP, MSIP, COT, Staff Surveys,	**Weakness**	Not all teachers use technology resources on a consistent basis	More learning activities that require technology tools as an integral part of the process will result in a more consistent use of technology. Many planned learning activities are not complete technology projects in that they also require assessments of or by technology.
TP-9	CSIP, MSIP, COT, PBTE, Staff Surveys, NETS Standards,	**Weakness**	NETS Standards need to be incorporated into teachers' PBTE Evaluations.	A staff subcommittee is presently working on a new PBTE and will be finished for staff evaluations in the 2007-2008 academic year.
TP-10	CSIP, MSIP, COT, Staff Surveys, PD Needs Assessment	**Weakness**	Time--the majority of technology professional development is conducted after hours.	This time honored problem has no easy solution and effects most districts. The district will investigate and make efforts to provide more technology training on early release days.
TP-11	CSIP, MSIP, COT, Staff Surveys, Curriculum Guides, NETS, GLEs	**Weakness**	Not all subject areas and GLEs have technology standards with assessments entered into our online curriculum program (EAT Online).	EAT ONline was purchased by the district for the first time last year, SMCAA provided training for staff to utilize this resource. Progress is slowly being made to align and incorporate technology with activities, plans and assessments.

GOALS, OBJECTIVES, AND ACTION PLANS					
TECHNOLOGY FOCUS AREA	**Teacher Preparation**				
GOAL	The district will provide teachers with training opportunities to utilize technology in the preparation, integration and delivery of instruction to motivate and challenge all student learning resulting in high levels of achievement and performance.				
OBJECTIVE(S)	• Quality professional development will prepare and train teachers to integrate technology knowledge and skills into the curriculum on all grade levels for all students. • NETS achievement rubrics will promote and monitor teacher technology levels for all teachers as they deliver and model technology delivered instruction.				
SHOW-ME STANDARDS--1.2, 4-10, 2.1-7	**MSIP--**6.1.1-4, 6.2.1, 6.3.1-2 & 4, 6.4.1-4, 6.6.1, 6.8.1, 4, 6.7.1-6, 6.8.1, 7.3.1	**CSIP--**8.2.1, 8.3.2-5	**FROM ANALYSIS --**T 1--11	**State Technology Standards--**T1 & T2	

Title II. D Program goals (technology integration and 8th grade technology literacy)

Action Step/Activities/Strategies	Progress Expected/ Measured	Correction Strategies	Time Frame/ Reviewed	Budget/Funds	Person(s) Responsible
Provide training to incorporate and utilize NETS Standards into the curriculum appropriately aligned with GLEs and meeting required MSIP required components necessary to improve student achievement and increase teacher performance.	The number of lessons/activities utilizing technology will increase because of technology integration. Monitoring and observation of lesson plans will reflect an increase in instructional strategies utilizing technology -------- EAT Online will be used to analyze all required elements. MAP scores will improve. Principal evaluations and teacher surveys will reflect successful integration.	Provide additional individual or group training on the integration of technology standards. Locate new and evolving lessons/activities/ projects utilizing technology aligned with the GLEs via SuccessLink, eThemes, etc. or develop new projects.	7/2007-6/2010 ongoing Reviewed Annually	$5,000 Local Funds Career Ladder PDC Contracted Time	Administration Technology Coordinator Teachers Library Media Specialist
Monitor technology integration and its implementation into the curriculum.	Improved integration of technology into the curriculum will promote seamless usage by students and staff. -------- EAT Online will be used to analyze integration. MAP scores will improve. Principal evaluations and teacher surveys will reflect successful integration.	Provide additional individual or group training to complete the integration and alignment of technology into the curriculum.	7/2007-6/2010 ongoing Reviewed Annually	None Local Funds Contracted Time	Administration Technology Coordinator
Provide training required through eMints National Center to successfully establish eMints classrooms.	Through the establishment of an eMints classrooms, student achievement and performance will increase through the use of inquiry-based methods of learning enhanced by technology. --------MAP scores reflecting student achievement will improve. Teacher evaluations will reflect these methods.	Provide more training for teachers to incorporate inquiry-based instruction into the curriculum.	Initially 7/2008-then ongoing Reviewed Annually	$15,000 2008/09 $5,000 Annually Repeated per trainee PDC, REAP, Title IID, Career Ladder, Governor's 100 eMints Classroom Initiative, Local Funds	Administration Teachers Technology Coordinator

Action Step/Activities/Strategies	Progress Expected/ Measured	Correction Strategies	Time Frame/ Reviewed	Budget/Funds	Person(s) Responsible
Incorporate NETS Standards into Performance Based Teacher Evaluations (PBTE).	Teachers will be evaluated with the PBTE tool which will include NETS Standards. --------All teachers will achieve the expected or above level on the PBTE.	Provide more training in the use of PBTE if needed. Provide additional individual or group training to complete the integration NETS Standards for teachers.	Developed 7/2007 Initiated 8/2007 then ongoing Reviewed Annually	None Inservice Training Local Funds Contracted Time	Administration PBTE Teacher subcommittee Teachers Technology Coordinator
Continue to provide learning opportunities on computer skills, access to district resources and technology skills that support teacher preparation and student learning	Teacher training opportunities will be expanded with access to quality professional development inservices/workshops and adequate resources will be provided that encourage teachers to utilize technology in teaching and learning. --------PDC Assessment Surveys and COT data will reflect adequate opportunities.	Allow more time, training and inservice to resources. Investigate grant opportunities.	7/2007-6/2010 ongoing Reviewed Annually	$10,000 Annually Career Ladder, Title IID, PDC, Enhancement Grants, Local Funds, Contracted Time	Administration, PDC Committee Technology Coordinator
Provide a safe and secure environment by training teachers on the ethical, cultural and social issues involving the utilization of technology so they can model ideal behavior.	A safe learning environment will be provided following CIPA guidelines. All teachers will model ethical and safe behavior. --------PBTE's will reflect expected or above levels of achievement for all teachers.	All rules, guidelines and AUPs will be reviewed, evaluated and reinforced. Additional individual instruction and resources will be located and utilized.	7/2007-6/2010 ongoing Reviewed Annually	None Inservice Contracted Time Local Funds	Administration, Teachers, Technology Coordinator
Investigate and encourage online training opportunities via MOREnet, eLearning, ITV classroom, Webinars and more.	Quality professional development will be delivered onsite and at opportune times to improve teacher performance and student learning. --------PDC Assessments surveys will reflect staff involvement.	Additional opportunities will be explored and located to provide more learning opportunities.	7/2007-6/2010 ongoing Reviewed Annually by PDC Assessment	$3,0000 Annually Career Ladder, PDC Funds, Local Funds	Administration, Teachers PDC Committee Technology Coordinator

Administration
Data Management
Communication

ANALYSIS OF CURRENT RAW DATA				
ADMINISTRATION, DATA MANAGEMENT, COMMUNICATION				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
A/DM/C-1	CSIP, MSIP, COT, CIPA, AUP, Board Policies, Regulations, and Forms, Teacher/Student Handbooks.	**Strength**	All policies and regulations relating to technology are in place including usage (AUPs--student/staff, filtering (CIPA), firewalls, copyright and gifts.	All policies and regulations relating to technology are reviewed and updated on a yearly basis. All staff and students must have a signed AUP on file before access is granted. The district places a high priority on providing a safe and comfortable environment for Internet access for students and staff. A new more comprehensive Internet Safety Policy will be developed.
A/DM/C-2	CSIP, MSIP, COT, TCO, Staff Surveys	**Strength**	All administrators, teachers and appropriate staff have access to multimedia Internet connected computers for communication through e-mail.	The district utilizes e-mail for attendance, lunch count, the daily bulletin, and any staff announcements that need to be made. Because of this mode of communication, disruptions by the intercom have been reduced.
A/DM/C-3	CSIP, MSIP, COT, Core Data, Administration/Support Staff Surveys, Software Inventory, TCO	**Strength**	Technology is used as an administration/management tool for record keeping, core data reporting and accounting purposes.	SIS/WIN is used for student records and lunch accounting. DataTeams Financial Services was updated to the Windows version and is used for accounting purposes. The district's budget is prepared on an Excel spreadsheet.
A/DM/C-4	Software Inventory, TCO, Staff Surveys.	**Strength**	All teachers have access to an electronic grade book system. Acrobat documents have been created for IEP management for special services.	A site license for EasyGrade Pro allows all teachers to report/track progress and print grade sheets from home or school. Plans are to investigate purchasing the garbed component of SISWIN. Fillable acrobat documents have been created for special services to create and track IEP development.
A/DM/C-5	CSIP, MSIP, COT, Core Data, LMC State Evaluation Reports, Software/Hardware Inventories, Circulation and Inventory Reports.	**Strength**	The LMC is automated to provide circulation, inventory control, administration and to evaluate its resources.	The automated system has reduced the time necessary to conduct the administration of the LMC. Mandated reports are easily created and more accurate in preparing the evaluation of the LMC and its resources.

ANALYSIS OF CURRENT RAW DATA				
ADMINISTRATION, DATA MANAGEMENT, COMMUNICATION				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
A/DM/C-6	CSIP, MSIP, District Website, TCO	**Strength**	The district website provides access to board polices, district handbooks, technology and PDC plans, daily bulletin and teacher developed web pages.	Communication between all stakeholders in the district is improved by posting information on the district's website. Parents and students have instant access to the daily bulletin, and some class assignments/projects are available for public consumption. The district will investigate the feasibility of adding the Parent Access component of our SIS program.
A/DM/C-7	CSIP, MSIP, TCO, NCLB Federal/ State Guidelines, MAP,Software Inventory	**Strength**	Scholastic Reading Inventory (SRI) is an automated system to access student reading levels	SRI is one of the tools used to assess student reading levels as required by NCLB. Elementary students are assessed at the end of every quarter.
A/DM/C-8	CSIP, MSIP, MAP, Staff Surveys, Curriculum Guides	**Strength**	IML's Electronic Alignment Tool (EAT Online) is available for staff to access and complete all MSIP requirements for curriculum.	The web based version of EAT makes it easier and more timely to access, manage, and work on the requirements for curriculum as specified by MSIP Standards. EAT is a user-friendly fully automated system for adding ShowMe Standards, GLEs, activities and assessments.
A/DM/C-9	CSIP, MSIP, COT, TCO, Crisis Plan	**Strength**	All classrooms have telephone or talk-back intercom access to the central office.	Although only 4 classrooms have telephones, a pushbutton intercom system granting access to the central office is available for all classrooms located in the main building for purposes of communication.
A/DM/C-10	Support Staff Survey, TCO, Software/Hardware Inventory, Observation, Student Transcripts	**Weakness**	Presently student transcripts are stored on microfiche film and viewed/printed on outdated equipment.	This was listed as a weakness in our last plan and no progress has been made towards its implication. The district plans to investigate having our microfiche records digitized for easier access and storage.

ANALYSIS OF CURRENT RAW DATA				
ADMINISTRATION, DATA MANAGEMENT, COMMUNICATION				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
A/DM/C-11	CSIP, MSIP, MAP, TCO, Staff Surveys,	**Weakness**	SIS records are shared via a file-sharing Windows XP machine and needs to be updated to web-based for dual platform access.	Although critical district staff can input and access our SIS records, classroom access by teachers to input attendance and grades would be a time management asset for our central office staff. Because the district supports a dual platform environment and would have to purchase a new server as well train the staff in its utilization SIS's web-based system would be the best fit for our needs.
A/DM/C-12	CSIP, MSIP, COT, Core Data, Class Schedules/ Enrollments, Student Transcripts, TCO, Student/Staff Surveys, PDC Needs Assessment	**Weakness**	An increasing number of students are taking classes via ITV, online, or futuristically MoVIP and need access to e-mail accounts managed by the district.	The district presently does not support or allow students to access e-mail at school. Because an increasing number of students utilize outside district sources to further their education, the district has decided to provide e-mail accounts for those students to access while at school. Research has shown that Gaggle provides this service and the account to administer and monitor its use.
A/DM/C-13	CSIP, MSIP, MAP, Staff Surveys, Curriculum Guides, PD Needs Assessment	**Weakness**	Not all MSIP required curriculum components and subject areas have been added to EAT Online.	In order for EAT to provide a comprehensive and efficient way for us to view, manage and access our curriculum, all required MSIP components must be present.
A/DM/C-14	CSIP, MSIP, COT, Crisis Plan	**Weakness**	Not all classrooms have telephone access.	This is not a priority for funding at this time.

GOALS, OBJECTIVES, AND ACTION PLANS

TECHNOLOGY FOCUS AREA	Administration/Data Management/Communication
GOAL	The district will continually evaluate, manage and improve administrative and communication technologies in order to support district efforts to increase student achievement, enhance efficiency and productivity which builds knowledge and support of/for the district.
OBJECTIVE(S)	• The use of management software will increase the productivity of all appropriate support and certified staff members. • All stakeholders (students/staff) will increase the utilization of production and communication software to improve preparation and communication, enhance efficiency and promote high levels of achievement and performance.

SHOW-ME STANDARDS--1.4-5, 2.7	**MSIP--63.3,** 6.4.1-4, 6.6.1, 6.7.1, 5-6	**CSIP--**8.3.2, 3-6	**FROM ANALYSIS--**A/DM/C 1-14
Federal NCLB Guidelines		**State Technology Standards--**A1 & A2	

Action Step/Activities/Strategies	Progress Expected/ Measured	Correction Strategies	Time Frame/ Reviewed	Budget/Funds	Person(s) Responsible
Continue/add SIS modules to manage student data.	Through the continued use and the acquisition of new modules for student management software and the training in its use, staff knowledge, skills and productivity will increase. --------A self-evaluation checklist/staff survey will assess the increase in productivity All staff utilizing the software will rate at an acceptable level.	Additional modules will be purchased and training provided on an individual or group basis.	7/2007-6/2010 ongoing Reviewed Annually	$2,500 Annually $12,000 8/2008-09 + PD REAP, PDC Funds Career Ladder	Administration All Appropriate Staff Technology Coordinator
Continue providing/updating DataTeams Financial Management Software Program to increase appropriate support staff productivity.	Through the use of financial management software and the training in the use of that software, staff knowledge/skills and productivity will increase. --------A self-evaluation checklist assessing staff productivity and skill/knowledge will be administered. All staff utilizing the software will rank at an acceptable level.	If the level of productivity and knowledge are not met, additional training will be sought.	7/2007-6/2010 ongoing Reviewed Annually	No Additional Cost (Maintenance Cost reflected in Support) Contracted Time Local Funds	Administration All Appropriate Staff Technology Coordinator
Continue to provide Reading Counts/SRI to assess student reading abilities/levels/needs and to meet MSIP Standards as well as NCLB.	Teachers knowledge and skills in utilizing reading assessment software will increase to an acceptable level using an assessment tool. --------A locally prepared evaluation checklist assessing staff knowledge will be administered and appropriate staff will rank at an acceptable level.	If the level of productivity and knowledge are not met, additional inservice will be planned.	7/2007-6/2010 ongoing Reviewed Annually	No Additional Cost Contracted Time Local Funds	Administration Elementary Staff CA Instructor Counselor Library Media Specialist Technology Coordinator

Action Step/Activities/Strategies	Progress Expected/ Measured	Correction Strategies	Time Frame/ Reviewed	Budget/Funds	Person(s) Responsible
Continue to provide EAT Online as a curriculum management tool to meet MSIP Standards and to evaluate strengths and weaknesses of all district curricula.	The district has purchased EAT Online and teachers are entering data. Needed adjustments will be analyzed and corrected. --------Staff observations, checklists and surveys will evaluate EAT Online's effectiveness.	Additional training will be provided on an individual or group basis.	7/2007-6/2010 ongoing Reviewed Annually	$2,000 Annually Local Funds	Administration Technology Coordinator
Continue with and add to information available to parents and patrons via the district web page and teacher created web pages.	Staff and students will create and update the district's website to provide increased levels of information and communication with district stakeholders. --------Students/staff/patron surveys will show an increase of information and communication provided by the district's web site.	Additional data will be provided as it becomes available and deemed pertinent to keep district's stakeholders informed.	7/2007-6/2010 ongoing Reviewed Annually	No Additional Cost Contracted Time ------- $900 Annually Teachers add/ update web pages Career Ladder Local Funds	Administration Web Master Technology Coordinator
Continue to provide staff e-mail and encourage its use as a communication tool.	Staff/Parent contact/communication via e-mail will increase so that parents become more informed and involved in the educational process. --------Parent and staff surveys will verify an increase in the number and frequency of the two-way communication via e-mail.	Additional training for communicating with e-mail will be provided as needed.	7/2007-6/2010 ongoing Reviewed Annually	No Additional Cost Contracted Time	Administration Technology Coordinator
Investigate and subscribe to filtered/manageable e-mail accounts for students enrolled in classes requiring e-mail access.	Students will have a safe, secure and manageable email account for communication for educational needs. --------E-mail accounts will be monitored and student surveys will reflect communication for educational needs was adequate.	Additional accounts will be provided as need dictate. Violations of AUPs will be disciplined following guidelines.	8/2007-5/2010 ongoing Reviewed Annually	$250 Annually Local Funds	Administration Technology Coordinator
Investigate and convert student transcripts stored on microfiche to a digital format.	Previous student transcripts will be digitized to facilitate safe storage and retrieval. --------Support staff survey will show an decrease in the amount of time and effort necessary to process transcript requests.	Additional training to retrieve transcripts will be provided.	7/2007-6/2008 Reviewed Upon Completion	$4,000 REAP Local Funds	Administration Support Staff Technology Coordinator

Resource Distribution

ANALYSIS OF CURRENT RAW DATA				
RESOURCE DISTRIBUTION				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
RD-1	CSIP, MSIP, COT, Missouri 2006 Census of Technology Report/ Summary, TCO, Student/ Staff Surveys, Classroom Usage Logs, Hardware/Software Inventories, National and State Technology Education Goals.	**Strength**	All PK-12 students and staff have equitable access to multimedia computers, Internet access and production software, with appropriate AUPs and filtering in place.	Our last classroom, the separate preschool building, has been provided with wireless Internet access. The number of related technologies, networked laser printers/copiers, scanners, digital and video cameras, SmartBoards, SchoolPads, PDAs for student learning needs has increased.
RD-2	CSIP, MSIP, COT, TCO, Student/Staff Surveys, Classroom Usage Logs, Hardware/Software Inventories, National and State Technology Education Goals.	**Strength**	Two labs, 1 in the high school wing and 1 in the LMC (center of building) with desktop computers and a SmartBoard/ InterWrite SchoolPad are available for classroom use.	These labs allow all but two classes to have a 1 to 1 ratio of computer access. The SmartBoard/SchoolPad and projector allow full classroom viewing and integration with the workstation for presentations and projects related to learning activities.
RD-3	CSIP, MSIP, COT, MO 2006 COT, Report/ Summary, TCO, Student/ Staff Surveys, Hardware/ Software Inventories, National/ State Technology Education Goals.	**Strength**	The ratio of students per Internet connected computers has dropped.	Multimedia computer to student ratio has dropped from 2004 1.5 to about 1.2 in 2006. The state average is 2.73.
RD-4	CSIP, MSIP, COT, TCO, Student/ Staff Surveys, Classroom Usage Logs, Hardware/Software Inventories,	**Strength**	Dual platforms (PC and Macintosh) are available for access and training by students and staff.	The computer ratio breakdown for PCs and Macintosh computers is about 60/40. The breakdown is basically PC high school, Macs elementary; however, the LMC and FACS 16 computer labs are Macintosh. This allows students to have training on both platforms. Many of the adults in our community work at yearbook publishing companies in nearby towns that utilize the Macintosh platform. With training on both platforms, our students are better prepared for the world of college or work.

ANALYSIS OF CURRENT RAW DATA				
RESOURCE DISTRIBUTION				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
RD-5	CSIP, MSIP, COT, TCO, Student/ Staff Surveys, Classroom Usage Logs, Hardware/Software Inventories,	**Strength**	Twelve of twenty classrooms and both labs have a SmartBoard or InterWrite SchoolPad w/projector.	These types of interactive projections devices allow for more class participation when technology is used as a visual medium. Activities and projects can be shared with an entire class without "gather round" interruptions.
RD-6	CSIP, MSIP, COT, TCO, Student/ Staff Surveys, Classroom Usage Logs, Hardware/Software Inventories,	**Strength**	All students and staff have access to digital cameras, TVs, VCRs, DVD players, networked laser printers/ copiers, scanners and color inkjet or color laser printers.	All classrooms have TV/VCRs, All elementary and most high school classrooms have VCR/DVD players. A networked copier/printer is accessible by all. Individual and 3 classroom networked scanners are available. Learning/teaching opportunities are enhanced by printers, scanners, PDAs, digital and video cameras.
RD-7	CSIP, MSIP, COT, Core Data, Class Schedules/Enrollments, Student Transcripts, TCO, Student/Staff Surveys	**Strength**	The ITV classroom and Internet online courses allow students access to dual-credit classes and expands our curriculum offerings.	Our technology partnership with higher education allows us to offer advanced classes to help prepare students for the ACT. For the past 3-4 years, students have had access to 6-8 dual-credit classes per year. An increasing number of students are utilizing Internet online classes at school. The possibility which will be provided by MoVIP and its promise to provide high quality standards based online coursework will be investigated for students at our district.
RD-8	CSIP, MSIP, COT, TCO, District Floor Plan, Usage Logs, Technology Plan	**Strength**	With the exception of the career education agriculture and preschool buildings, all students and staff are housed in a single, one floor building.	Our main K-12 building allows available technology tools to be more readily available and shared for the benefit of all students and staff.

ANALYSIS OF CURRENT RAW DATA				
RESOURCE DISTRIBUTION				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
RD-9	CSIP, MSIP, COT, TCO, Student/ Staff Surveys, Web Access Logs, Classroom Usage Logs	**Strength**	Internet access to MOREnet's online resources, (EBSCO Host, Student Research Center, NewsBank, NetSmartz, MO Resources, and others) eMints-eThemes, SuccessLink and other state supported resources provide safe, secure and reliable sources for students and staff.	COT analysis over the past three years has shown an increase in the numbers of students and staff that are accessing Missouri sponsored/centered/supported sites that are excellent resources as well as providing safe and reliable information.
RD-10	TCO, TCO, **YES TCO AGAIN** CSIP, MSIP, COT, Student/ Staff Surveys, Classroom Usage Logs, Hardware/Software Inventories	**Weakness**	The district needs to maintain, upgrade and acquire new technologies to keep up with students and staff needs and expectations.	"As soon as you buy 'em, they become obsolete," is a definite truism for technology. Even though the district strives to continually acquire and upgrade our technology tools it is a never ending battle.
RD-11	CSIP, MSIP, COT, Student/ Staff Surveys, Classroom Usage Logs, Software Inventories	**Weakness**	To improve student achievement and to support the curriculum, software needs to be continually added/updated.	Software must be continually updated to support curricular needs. More licenses purchased for products that provide more interaction and develop higher level thinking skills.
RD-12	CSIP, MSIP, COT, eRate Guidelines, Building Maintenance/Facilities/Safety Plan	**Weakness**	Electrical capacity, outlet placement and grounding needs to be updated in the high school wing.	In order to expand our technology in the high school wing, our electrical system must have a major upgrade. Only 2-2 plug outlets are available in most classrooms and many are not grounded.

ANALYSIS OF CURRENT RAW DATA				
RESOURCE DISTRIBUTION				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
RD-13	CSIP, MSIP, COT, TCO, Student/ Staff Surveys, Classroom Usage Logs, Hardware/Software Inventories	**Weakness**	Servers need to be updated to meet the expanded needs of students and staff.	New operating systems, programs, access requirements, demands, capacity/storage, redundancy and the age of servers in operation require constant updating.
RD-14	CSIP, MSIP, COT, TCO, District Budget	**Weakness**	Technology is not broken down in the district's budget and therefore, it is difficult to track. New sources to keep technology current must be identified.	Each time the district calculate the funds expended for technology related purchases, separate multiple-budgeted items must be reviewed to arrive at an accurate figure. A spreadsheet needs to be created to track technology related purchases.
RD-15	CSIP, MSIP, COT, TCO, Core Data, LMC State Evaluation, Hardware/Software Inventory, Student/Staff Survey	**Weakness**	LMC resources must serve the needs of all students and staff and the state requirements for LMC services by providing updated resources.	This was a weakness identified in the previous plan and no progress has been made. In order to support student and staff educational needs, the district must provide access to our card catalog for both computer platforms.

GOALS, OBJECTIVES, AND ACTION PLANS

TECHNOLOGY FOCUS AREA	Resource Distribution
GOAL	The district will provide adequate and equitable access to technology resources for all students and staff cultivating a positive learning, teaching and working environment which will support an atmosphere conducive to high levels of academic and professional performance.
OBJECTIVE(S)	• The district will provide an infrastructure including telecommunications and Internet access to support resources available through the LAN and our global society to increase technology usage by students and staff through safe and appropriate means. • The district will provide adequate technologies in sufficient quantities to support technology within the curriculum and support the educational needs of students and staff which will improve student achievement and staff performance.

SHOW-ME STANDARDS--1.2, 1.4-10, 2.1-7, 4.4 & 7	**MSIP**--6.1.1, 3, 6.4.1-4 6.6.1, 6.8.1-2, 7.31, 9.4	**CSIP--**8.2.4, 8.3.2-6	**FROM ANALYSIS--**RD 1-15	**State Technology Standards--**R-2

Title II. D Program goals (technology integration and 8th grade technology literacy)

Action Step/Activities/Strategies	Progress Expected/ Measured	Correction Strategies	Time Frame/ Reviewed	Budget/Funds	Person(s) Responsible
Maintain access to the Internet via a T-1 connection with MOREnet.	Access to the Internet will be provided to 100% of students and staff and our network health will not exceed the recommended capacity of our T-1 line. ------My MOREnet reports will show no more than 80% Internet usage of our T-1 line at any one time.	If over 80% usage of Internet access is recorded, additional sources of Internet access will be researched.	7/2007-6/2010 ongoing Reviewed Annually	$2300 Annually REAP Local Funds	Administration Technology Coordinator
Evaluate, replace/purchase and upgrade additional tools appropriate for classroom and staff educational needs.	Annual evaluation of hardware will show an increase in inventory, upgrades or replacement of technologies. --------The annual gathering of information for inventory control and preparing COT will be evaluated for hardware acquisition.	As existing and additional funding is available, it is hoped that replacements, upgrades, and additional technology tools and services will be made available for students and staff.	7/2007-6/2010 ongoing Reviewed Annually	$69,000 2007-09 Career Ed Grants $25,000 2007-09 REAP Title Programs Finnell Funds Local Funds	Administration Career Ed Teachers Technology Coordinator
Update servers to meet increased need for access by students and staff to district resources, storage and as dependable redundant backup systems.	Servers will provide reliable file/data storage and backups for students and staff projects and activities. --------Staff and student surveys will reflect adequate access to technology. Logs will monitor usage and availability of space.	If additional space is needed an additional server will be required.	8/2007 Reviewed Annually	$5,0000 FACS Grant REAP Local Funds	Administration FACS Teacher Technology Coordinator
Assess software needs of students and staff and provide new software, additional licenses, and new or additional training for students and staff on software purchased.	Students and staff will have adequate access to software programs needed for educational purposes and the training to be successful users. --------Scoring rubrics will assess all users at acceptable levels and surveys will reflect acquisition to support needs.	If the objective is not met, additional software licenses will be purchased and training conducted and completed.	7/2007-6/2010 ongoing Reviewed Annually	$10,000 Annually Career Ed Grants $5,000 REAP Local Funds	Administration PDC Career Ed Teachers Technology Coordinator

Action Step/Activities/Strategies	Progress Expected/ Measured	Correction Strategies	Time Frame/ Reviewed	Budget/Funds	Person(s) Responsible
Establish eMints classroom(s)	Equipment and software needs of students and staff to successfully implement an eMints classroom will be provided. --------eMints required guidelines, recommendations and evaluations tools will be utilized.	Additional hardware/software will be provided as dictated by eMints guidelines.	Initially 7/2008 then ongoing Reviewed Annually	$35,000 Annually REAP, Title IID, Governor's 100 eMints Classroom Initiative, Local Funds	Administration Teachers Technology Coordinator
Create a technology budget and identify other financial resources to provide technology tools for students and staff.	Separately identified technology budget items will allow the tracking of technology spending/funds in a more efficient manner. --------Observation by Technology Coordinator and bookkeeper while preparing data for technology planning and the annual COT.	Research to provide more opportunities to finance technology will be explored	7/2007-6/2010 ongoing Reviewed Annually	No Additional Cost Contracted Time Local Funds	Administration Technology Coordinator
Purchase site license for Library Management/Card Catalog System with appropriate software and support.	Dual platform access will be provided for all students and staff. --------Access/circulation logs will reflect an increase in usage by students and staff.	Additional individual and group training will be provided.	7/2010 Reviewed Annually Thereafter	$6,500 LMC Budget REAP Local Funds	Administration Library Media Specialist Technology Coordinator
Provide LMC resources (Reading Counts quizzes, videos, DVDs and online resources to support the curriculum.	Access to resources offered by the LMC will meet or exceed state standards. --------LMC annual evaluation of services/programs will report all levels have met or exceed state levels in providing resources in support of learner objectives.	Corrections and additions will be made to the LMC Collection Development Plan.	7/2007-6/2010 ongoing Reviewed Annually	$5,000 Annually LMC Budget REAP, Title Programs Local Funds	Administration Library Media Specialist Technology Coordinator
Continue to provide telephone and intercom talk/call back services to classrooms and the central office.	Adequate communication abilities between the central office and classrooms will be maintained. --------Staff surveys and observations will reflect adequate access to the central offices is provided.	Evaluate safety standards and issues and make additions or corrections as needed.	7/2007-6/2010 ongoing Reviewed Annually	$3,500 Annually eRate Funds Local Funds	Administration Technology Coordinator
Update electrical supply, service, outlet placement and grounding needs in the high school wing.	The electrical capacity and safety will be adequate to support existing and emerging technology purchases. --------Custodians and technology coordinator will monitor records and electrical upgrade.	Facilities and safety standards will be followed and monitored for needed corrections.	8/2007 Reviewed Annually	$54,000 Ingram Fund Local Funds	School Board Administration Custodial Staff Technology Coordinator

Technical Support

ANALYSIS OF CURRENT RAW DATA				
TECHNICAL SUPPORT				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
TS-1	CSIP, MSIP, COT, Technology Plan, Student/Staff Survey, Technology Maintenance Records	**Strength**	A district technology coordinator and co-support person are trained and available for technology support.	A technology coordinator is employed to oversee and chair the technology committee, perform network maintenance, repairs, instruction and training for students and staff. The FACS instructor has had MOREnet training, additional workshops and on-the-job training to assist with the Mac platform and most all teacher and student training sessions, especially in the development of web pages.
TS-2	CSIP, MSIP, COT, TCO, Technology Plan, Staff Surveys, Technology Maintenance Agreements.	**Strength**	Critical software maintenance contracts are renewed annually and hardware warranties are extended to 3 years on most district purchased resources.	SIS and DataTeams maintenance contracts are purchased for these district critical programs. All computer purchases include a 3 year extended warranty for onsite maintenance or repair. The Brookfield Career Center has repaired printers deemed worthy of repair for the price of the parts.
TS-3	CSIP, MSIP, COT, TCO, Technology Plan, Staff Surveys,	**Strength**	Routine maintenance is handled in a timely manner.	Staff surveys and information collected for our Annual Census of Technology for at least the past three years has gathered data that reports: estimated typical (average) timeframe for resolving minor or routine technical problems/repairs is one (1) working day and the estimated percentage of computers in working order on a typical (average) day is 100 percent. For the past two years, these have been unanimous responses on the surveys.
TS-4	CSIP, MSIP, COT, TCO, Technology Plan, Technology Maintenance Records.	**Strength**	Technical support beyond the expertise of the staff is available via MOREnet and by outside venders to assist and solve technology problems.	The contractor who set up our original network and trained our staff is available for telephone support, or if needed to help with problems which are beyond the knowledge, expertise or ability of our support staff.

ANALYSIS OF CURRENT RAW DATA				
TECHNICAL SUPPORT				
#	**Data Examined/Assessments Used**	**Strength or Weakness**	**Findings**	**Summary**
TS-5	CSIP, MSIP, COT, Technology Plan, Technology Maintenance Reports,	**Weakness**	There is no systematic protocol for communicating needs for technology support. and records of repair for equipment are inconsistent and not current.	The district needs to develop a spreadsheet to keep an accurate record of repair and maintenance of technology equipment. A e-mailable and fillable PDF document that could inform and track maintenance repairs should be developed.
TS-6	CSIP, MSIP, COT, Technology Plan, Technology Maintenance Reports	**Weakness**	The district technology coordinator also serves as PK-12 media specialist.	As records and surveys indicate, most maintenance is handled in a timely manner, but occasions arise that other duties interfere with the response time for some projects.
TS-7	CSIP, MSIP, COT, Technology Plan, Staff Survey	**Weakness**	Training for support staff must be ongoing and conducted in a consistent manner.	Training opportunities are difficult to schedule and finance for personnel that have other full-time duties/obligations.

GOALS, OBJECTIVES, AND ACTION PLANS

TECHNOLOGY FOCUS AREA	Technical Support
GOAL	The district will provide the knowledge, training and staff to maintain all available resources to meet the educational and professional needs of students and staff.
OBJECTIVE(S)	• Technical support for district computing and infrastructure resources will be provided to ensure minimal loss of instructional and administrative time in accordance with CIPA guidelines and MOREnet/district AUPs. • Training for technical support staff will be sought to gain the knowledge/expertise necessary to ensure that access to appropriate technologies is increased for students and staff.

SHOW-ME STANDARDS--1. 4, 2.7	**MSIP--**6.4.1 & 3-4, 6.6.1, 6.6.1	**CSIP--**8.3.6	**FROM ANALYSIS--**TS 1-7	**State Technology Standards--**TS 1

Action Step/Activities/Strategies	Progress Expected/ Measured	Correction Strategies	Time Frame/ Reviewed	Budget/Funds	Person(s) Responsible
Provide adequate technology support for all district resources.	Repairs or maintenance for equipment and infrastructure will be provided with the average routine downtime of one working day. --------Survey results gathered for COT will reflect one working day to resolve minor/ routine problems and typically 100% of computers will be working on an average day.	Identify and provide additional staff willing and able to provide routine support.	7/2007-6/2010 ongoing Reviewed Annually	No Additional Cost Contracted Time Local Funds	Administration Technology Coordinator
Devise, initiate and utilize a more efficient, accurate and up-to-date record of maintenance and repair.	An accurate record of maintenance and repair will allow for better tracking and efficient purchase of repair/replacement parts. --------The technology coordinator will track updated spreadsheet of repairs.	Adjust and update created spreadsheets as time and information is available.	7/2007-6/2010 ongoing Reviewed Annually	No Additional Cost Contracted Time Local Funds	Administration Technology Coordinator
Train technology support staff to provide adequate technical support for technology resources.	A self-assessment of technology support staff will show a "confident" level in their ability to provide adequate support. --------A self-assessment survey will measure the level of confidence in the knowledge base of our technology support staff to provide adequate technology support.	If the confidence level in the knowledge base necessary for our support staff to provide adequate support for district resources is not met, additional training for support personnel will be sought.	7/2007-6/2010 ongoing Reviewed Annually	$1,000 PDC Funds Title Funds Local Funds	Administration Technology Coordinator
Continue to purchase maintenance agreements for critical software programs and extended warranties for equipment.	Critical software technical problems will be solved by vendor accessible support. --------Appropriate support staff will reflect adequate access to support.	Vendors will be notified of a need to increase support response time.	7/2007-6/2010 ongoing Reviewed Annually	$3,700 Annually $140-$200 per Extended Warranty Original Source Funds Local Funds	Administration Appropriate Support Staff Technology Coordinator
Locate and utilize vendors providing repairs beyond the capabilities of present support staff.	Located vendors will supply support on an as needed basis. --------Repair records and timeframes will be examined and evaluated.	New or additional vendors will be located if repairs are not adequate or conducted in a timely manner.	7/2007-6/2010 ongoing Reviewed Annually	Unknown Case-by-Case Basis Local Funds	Administration Technology Coordinator

Dissemination
Monitoring
Evaluation

DISSEMINATION

Dissemination of our technology plan should start where it began, with the district advisory committee receiving a copy of the plan (either hardcopy or available via district website). Discussion, evaluation, and any changes/ adjustments which will serve to improve the plan will be made by the technology coordinator. After Board of Education approval, the review, and subsequent approval of DESE, the plan will be ready to share with the appropriate audience. Because advisory committee members are given a final copy/have access to the plan, this will help inform our patrons of the technology plans for the district. Faculty meetings will serve to inform staff of our technology plan and that hard copies are available in the following locations: administrators' offices, LMC, teachers' workroom, and from any committee member. A PDF copy of the plan will be available on a district file server and at the district website.

At least on an annual basis, articles regarding the district's use of technology, where our plan can be viewed, and the progress made toward fulfilling our goals and objectives will be included for students, staff, and patrons to consume. The avenue for this dispersal will be: 1) the district's *Tiger Tracks* which is inserted in the area *Show-Me Shopper,* every month and distributed to all patrons of the district; 2) the city's newly revitalized paper, *The Keytesville Phoenix* which is published biweekly. As individual action steps are fulfilled or validated, they will be shared with appropriate staff and patrons at the time they occur (arrival of new technology, changes in policy, acceleration of meeting our goals due to the awarding of a grant, etc.). The technology coordinator will use the opportunity at faculty meetings and inservices to discuss and report on the progress of our plan and ask for any input from the administration and faculty that would lead to the improvement or assist with the progress made toward meeting our technology goals and objectives.

MONITORING

Technology will be an agenda item on every advisory committee meetings (a minimum of 4 per year) to discuss and update the progress of our plan. Often times, "in-house field trips" will be used to demonstrate and showcase the newest technology additions to our district. The technology staff and administration will monitor the acquisition of all hardware, software, the health of our LAN, and all components of technology and how they relate to the fulfillment of our goals. The plan will be evaluated by the Board of Education as indicated in its program evaluation schedule. The thorough and ongoing evaluation of our technology plan is essential to ensure that our goals are being met. All focus must be placed on evaluating the degree to which technology improves student achievement.

EVALUATION

The impact of technology on student achievement will be evaluated annually and will include analysis of MAP testing, comparison of student performance on tasks requiring demonstration of higher order thinking skills, demonstration of technology literacy in classrooms, teacher observation, and locally developed rubrics that assess projects and presentations aided or developed through technology. Individual goals and objectives will be evaluated by the action plan. Data from surveys of staff, students, and the advisory committee will be gathered and analyzed. We will look back to our mission statement to determine the effectiveness of our vision for technology and its relation to meeting the Show-Me Standards. Data gathered and analyzed through the formative evaluation process will be used by all stakeholders to guide our decision making to ensure our resources are directed to improving student learning.