

Technology Plan 2011-2014

Hallsville R-IV School District



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Hallsville R-IV Technology Plan 2011-2014

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Introduction

The Hallsville R-IV school district is an accredited district located in Hallsville, Missouri, approximately 12 miles north of Columbia. The city of Hallsville has approximately 1200 residents who are employed in many different fields, many commuting to nearby Columbia and Centralia. A preK-12 school district, it encompasses nearly 80 square miles and serves as an educational center for approximately 1300 students. The local operating tax levy is \$3.16 and the total adjusted tax rate is \$3.90. The local cost per pupil was \$9,751 for the 2010 school year.

Hallsville R-IV has four buildings within a half mile campus providing students and faculty with the ability to share materials, personnel and resources with ease. Hallsville Primary School houses preK-1st Grade. Hallsville Intermediate School is a 2nd-5th grade building. Hallsville Middle School includes grades 6-8 and Hallsville High School is 9-12. The central office is located in the high school building in the center of the campus.

District attendance rate is above state average for 2010, with a 95% attendance rate. Additionally, the graduation rate of the students in the Hallsville district is above the state graduation rate, with a 5-year average of the 90%. The 5-year average percentage of graduates pursuing post secondary education is 70%, which is also above state average. The percentage of Hallsville graduates scoring at or above the national average on the ACT is above the state average, with a 5-year average of 38%. Three of the four buildings in the Hallsville District met AYP for 2010. Hallsville Middle School did not meet AYP and is in Year 3 of School Improvement. Annual Proficiency Targets were met by all groups in both mathematics and language arts with the exception of IEP and free/reduced lunch students.

The district maintains a highly qualified staff of teachers, with 100% having certificates and an average of 12 years of experience. In the classrooms, the student to teacher ratio is 20 to 1, with 95% of the classrooms being taught by highly qualified teachers. The percentage of teachers with a master degree or higher has increased steadily from 49% in 2005 to 64.5% in 2010, well above the state average of 56%. The average teacher salary, including extended contract salary and extra duty pay, is \$42,708, below the state average salary of \$46,950.

Hallsville R-IV has been granted a waiver of the full Missouri School Improvement Plan review since 2004-2005. The district Comprehensive School Improvement Plan 2008-2013 was approved March 2008. The district Technology Plan was revised and state approved for 2008-2011. This plan represents current revisions for local Hallsville board approval as an ongoing process for necessary changes and updates.

Technology Planning Committee

The Hallsville District Technology Committee is comprised of a variety of local stakeholders including faculty, staff, administrators, students, parents and community members. Members become part of the committee due to their educational background, eMINTS training, professional responsibilities or technical expertise. Due to the close-knit nature of our small community, members frequently fulfill both the role of staff and stakeholder.

The district technology committee is responsible for district-wide technology planning, resource distribution and implementation of the district technology plan. The goals of the committee are to plan for technology up-grades, provide for the equal distribution of resources and evaluate curriculum needs as they relate to technology. Consensus is used to arrive at decisions concerning budget expenditures. Other issues that the committee is involved in are:

- AUP development
- Teacher training
- Internet access filtering
- Short and long range resource distribution
- Disseminating information to the district's stakeholders
- On-going development of the district web-site
- Providing adequate levels of technical support

Committee members met in small groups to focus on specific Technology Focus Areas (TFAs). These smaller groups communicated through email and direct contact with the committee chair. Whole committee meetings were scheduled to complete the planning process.

The 2008-2011 technology plan served as a framework for the committee. Strengths and weaknesses were addressed through the process of developing this 2011 - 2014 technology plan which includes goals which the committee feels will guide best practices in learning through technology.

District Technology Committee Members for 2011

MEMBER	POSITION	TFA
John Robertson	Superintendent - Parent	1, 2,3,4,5
D. John Downs	Director of Curriculum and Instruction	1,2,3,4,5
Gabe Halicks	District Technology Coordinator	3,4,5
Suzanne Stillwell	District Technology Instructional Specialist, Committee Chair	1,2,3,4,5
Sue Bryan	High/Middle School Media Specialist-Parent	1,2,4
Gail Miller	Intermediate/Primary School Media Specialist	2,4
Scott Daly	High School Business Teacher - Parent	1,2,4,5
Kristi Deneke	High School/Middle School Business Teacher	2
Susan German	Middle School Teacher, eMINTS/METS - Parent	1,2,4,5
Brenda Spurling	Middle School Teacher	2
Will Cunningham	Intermediate Teacher, eMINTS	2,4,5
Sherri Briedwell	Intermediate Teacher, eMINTS	2,4,5
Donna Blevins	Intermediate Teacher, eMINTS	2,4,5
Betsy O'Day	Intermediate Teacher, eMINTS/METS - Parent	1,2,4,5
Sarah Bradshaw	Primary Teacher – Parent	1,2
Leigh Pemberton	Primary Teacher - Parent	1,2
Dena Rice	Parent	1,4,5

Mission Statement

District Mission Statement

The mission of the Hallsville R-IV School District is to create an environment that will raise the performance of all students and to provide the opportunity to maximize physical, emotional, social and intellectual development. In a climate of mutual respect and cooperation, students will develop as: self-directed learners, effective communicators, problem solvers, collaborative workers and responsible citizens.

Technology Mission Statement

The Hallsville R-IV School District technology mission is to provide a collaborative environment in which technology and instruction are integrated throughout the school and community. This mission is based on the belief that students must be empowered with the skills, knowledge and access to tools necessary to become life-long learners in an information-based technologically oriented society. The school district is committed to providing and updating technologies to ensure that the students and faculty are current with the developments in technology.

CSIP Objectives/Vision

The district technology mission will align with and support the following vision and objectives of the district Comprehensive School Improvement Plan (CSIP) 2008-2013.

Specific Objective/Vision 1: The Graduation Rate for Hallsville R-IV Schools will be at or above 90% on an annual basis.

Specific Objective/ Vision 2: By the year 2013, the average score of the population entering Kindergarten will be at the 75th percentile as measured by DIAL-3 in areas of motor, concepts, and language.

Specific Objective/Vision 3: Maintain that one hundred percent of the Hallsville R-IV School District's graduates will be placed in post-secondary training, the military or productive occupations through the spring of 2013.

Specific Objective/Vision 4: The percentage of Hallsville R-IV students scoring at the top two levels of the Missouri Assessment Program in the areas of Math and Communication Arts will equal or exceed the Adequate Yearly Progress goal of the No Child Left Behind legislation.

Specific Objective/Vision 5: By 2008, Hallsville seniors taking the ACT will score at or above the State average in all areas.

Current Status

Compiling Raw Data

In an effort to align the Comprehensive School Improvement Program with the Hallsville District Technology Plan, data is collected, organized, and analyzed on an ongoing basis. This assessment data assists the Technology Committee in determining future technology plans, program development, necessary training, and expenditures. District assessment tools include the following:

Data Analyzed	Data Type	Data Origin	TFA(s)
Missouri Assessment Program Scores/Summary 2006-2010	Standardized Assessment	State	S
ACT Scores/Summary 2006-2010	Standardized Assessment	National	S
PLAN Test Scores/Summary 2006-2010	Standardized Assessment	National	S
SESAT	Standardized Assessment	National	S
Scholastic Reading Inventory-SRI Scores/Summary	Standardized Assessment	District	S
Diagnostic Reading Inventory STAR	Standardized Assessment	District	S
Comprehensive School Improvement Plan 2008-2013	State Policy	State/District	S,T
Missouri School Improvement Plan 2006 - 4 th Cycle	State Policy	State	S,T
Census of Technology	Survey	District	S,T
District Staff Technology Survey	Survey	District	T,A
District Student Technology Survey	Survey	District	S,A
District Parent Technology Survey	Survey	District	S,A
Student Skills based on ISTE National Technology Standards	Survey/ Portfolio	International/ National/State	S,T
Survey of Student Skills based on Information and Communications Technology Literacy Grade-Level Expectations and Course-Level Expectations	Survey	State/District	S,T
District Professional Development Evaluation and Survey	Survey	District	S,T
District Technology Evaluation Report and District Technology Budget	Survey, Report	District	S,T,A,R, TS
Administrative Networking Tools - Filtering Software	Administrative Tools	District	A,R,TS

<p>Network Evaluation Tools</p> <ul style="list-style-type: none"> - MOREnet Bandwidth Usage Report (AT1) - WAN/LAN Report 	Administrative Tools	District	A,R,TS
<p>District Communication</p> <ul style="list-style-type: none"> - Groupwise Email - Voicemail - PRI Dedicated 1.5 megabit connection for voice telephone service - District/Building/Teacher Web Pages - SISK12 Bulletin Board - SISK12 Parent Portal 	Communication Tools	District	A,R,TS
<p>Data Management Tools</p> <ul style="list-style-type: none"> - Student Information System-SISK12 - Follett - Curriculum Electronic Tool – EAT online - Technology Work Order System - LEMCO Financial 	Data Management Tools	District	A,R,TS
<p>Board Approved Policies and Procedures meeting CIPA Guidelines</p> <ul style="list-style-type: none"> - Student Acceptable Use Policy - Staff Acceptable Use Policy - Internet Agreements include filtering - Copyright Policy - Computer License Agreements 	Policies and Procedures	District	A,R,TS
<p>Student, Teacher and Administrator Standards</p> <ul style="list-style-type: none"> - Show-Me Standards - ISTE National Education Tech Standards for Students - ISTE National Education Tech Standards for Teachers - ISTE National Education Tech Standards for Administrators - Missouri DESE Education Technology Strategic Plan – 	Standards	International/ National/ State/ District	S,T,A,R, TS

2007-2011 - Information Communication Technology Literacy GLEs and CLEs - District Tech Competencies for Students and Staff			
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Current Technology Status – Overview

Hallsville R-IV School District has Internet access via a 10 megabit Ethernet connection through MOREnet. All of the district’s servers are centrally located in the Middle School. SonicWall Pro200 Internet filtering device with CyberPatrol provides Hallsville R-IV’s web filtering for C.I.P.A. compliance. The district maintains a local web server for websites for the entire district including sites for all four buildings and teachers throughout all grade levels. Additionally, the district has a remote access server so that staff has access to network files and programs off campus.

All district computers are IBM compatible. All of the district’s computers use the Windows XP operating system.

Every district classroom has a minimum of one computer, with several classrooms equipped with “mini-labs” of two to four computers. Additionally, most classrooms contain a TV and VCR. All computers have access to networked laser printers and several classrooms are equipped with local access printers. Each building has a scanner, portable data projector/laptop set up and a networked color printer. All four media centers either house or adjoin a 24 station computer lab. The middle school and high school each have an additional 24 station computer lab. All computer labs have a SMARTboard and data projector for instructional use.

At Hallsville Intermediate School there are eleven eMINTS classrooms with a ratio of one computer per two students. All of 3rd and 4th grade and one Science classroom are eMINTS classrooms. Each eMINTS classroom is equipped with a SMARTboard with projector, scanner, phone, digital camera and color printer. Four classrooms, one 3rd, one 4th, and one 5th and the Science rooms, have classroom sets of handheld computers with keyboards. There is a portable Polycom video conferencing station for use in the eMINTS classrooms or Intermediate Media Center. There is also a video production lab at the intermediate level and a weekly broadcast is produced.

At the Middle School there is one eMINTS classroom equipped as described above and 10 eMINTS4All classroom with a SMARTboard, projector and additional laptop for the teachers. Three classrooms are set up with mobile projectors and MOBI devices instead of SMARTboards. The Language Arts

department at the Middle School has a classroom set of handhelds with keyboards. At the High School there are 10 eMINTS4All classrooms.

Another program available at the high school level is the Vocational/Agricultural Lab. It has a 30 computer multimedia lab with Smartboard and an additional classroom with twenty Windows XP student laptops with wireless connection, a networked HP 3800 color laser printer, a computerized greenhouse and a Smart board.

Current Status of Technology Focus Area (TFA) S: Student Learning

- **Achievement Data:** Improvement continues in more areas on the district standardized test scores. Hallsville is continuing in the Professional Learning Community process and is implementing strategies to better access and adjust curriculum in response to the data on student learning.
- **Learning through Technology:** Students are utilizing technology tools in daily classroom assignments and projects.
- **Student Technology Standards:** The district has introduced and is implementing the ISTE National Education Technology Standards (NETS) and Information and Communications Technology Literacy Grade-Level and Course-Level Expectations at all levels.
 - Surveys were given to teachers to evaluate district status on these standards. At this time, there is no established state or national assessment in place to monitor student progress on these standards.
 - 8th grade students maintain a portfolio which is evaluated based on NETS*S and ICTL GLEs to determine Technology Literacy for state reporting.

Current Status of TFA T: Teacher Preparation

- **Professional Development Program:** The district has a Technology Coordinator to maintain the network and oversee the training of staff on use of basic computer programs and basic maintenance skills. In addition there is also a District Instructional Technology Specialist to provide staff training on integration of technology in classroom instruction and curriculum. Teachers are also encouraged to attend conferences and workshops outside of the district on topics related to technology usage and integration of technology into lessons.
- **eMINTS Program:** The District Instructional Technology Specialist is a certified eMINTS trainer. All of the new eMINTS and eMINTS4All teachers are trained within our district. Full eMINTS teachers complete over 150 hours of training and eMINTS4All teachers complete over 100 hours over a 2-year period. In addition these teachers are supported by classroom help visits throughout the training period.
- **Student Information System:** The district SISK12 program provides teachers access to attendance, achievement data (including MAP scores)

as well as an electronic grade book system. State Grade Level Expectations are also available through the district SIS program.

- **EAT Online:** The district has implemented a curriculum electronic alignment tool, EAT Online so that teachers will have Internet access to the district curriculum. This tool will eventually be tied to student achievement data so that teacher will be able to evaluate connections between curriculum and student test scores.

Current Status of TFA A: Administration, Data Management, and Communications

- **Student Information System:** Attendance, grades, discipline referrals, transportation and medical records are kept within Tyler SISK12. Core Data is pulled from or exported from the SIS records.
- **LEMCO:** Employee records, budgets and purchase orders are maintained through LEMCO.
- **EAT Online:** The district maintains access to EAT Online as an administrative and teacher tool for curriculum management.
- **Data Management:** All computers run within the Windows operating system with secure storage on network drives with tape backups which update nightly.
- **Groupwise email:** The district uses Groupwise email with a web-based interface. All certified staff have an email account. Support staff have the option of having an email account. Additionally all high school and middle school students have an email account on the Groupwise system.
- **District Communication:** PRI dedicated 1.5 megabit connection for voice telephone service.
- **Tyler SISK12 Communications:** The district SIS program has building level bulletin boards used for daily announcements. There is also a parent portal feature which allows parents to have an account to login and view student attendance, grades and lunch accounts.
- **District Website:** The district maintains a web server to support a district website. The website is maintained by staff at all levels and students with coursework in web design. Several teachers are using Moodle, Quia, blogs and wikis in addition to the traditional websites. The athletic department has initiated the use of iHigh.com for current athletic communications. The district is in the process of moving toward a content management system so that additional staff can contribute and maintain more current information on the site. A district presence on Facebook and Twitter is being developed.

Current Status of TFA R: Resource Distribution

- **Equity:** The district strives to balance access to technology across all building levels and acquire and distribute new technology fairly as it becomes available. All buildings have a full computer lab with SMARTboard and data projector. The Intermediate and Middle School have eMINTS rooms with a 2-1 student to computer ratio. The Middle

School and High School each have an additional computer lab and eMINTS4All classrooms with SMARTboards and data projectors as well.

- **Replacement and Upgrades:** Although a specific long range replacement schedule is not in place, the district annually evaluates and has been able to fund replacement and upgrades of computers and software programs on an approximate 5-7 cycle. Classroom minilabs will continue to be upgraded through the trickling down of computers as replacements are made. Due to budget constraints the replacement cycle has been adjusted to include upgrades and repair instead of full replacement of older equipment.

Current Status of TFA TS: Technical Support

- **Work Order System:** Technology work orders are requested through the building media specialist and the district instructional technology specialist. The requests that cannot be resolved by the specialists are submitted to the district network support staff through a network data management system. A new online interface for this system has improved access and efficiency.
- **Support Site:** The district technology coordinator maintains an online support site with tutorials and a help forum for staff.
- **District Tech Support:** The district staff includes a technology coordinator/network manager, an instructional technology specialist, and two building level media specialists. These skilled staff members provide troubleshooting, make necessary repairs, and perform installation of new software and computer upgrades.
- **Outsourced Tech Support:** The district has outside maintenance contracts for certain equipment such as copiers, select printers, telephones, and major network/server upgrades.

Total Cost of Ownership

Many factors are involved in determining the total cost of ownership within the perspective of the district's technology. The Hallsville R-IV District strives to maintain and continually improve the quality and quantity of technology resources as well as the integration of said technology to enhance learning throughout the grade levels. The factors addressed in technology planning include:

- The initial cost of equipment to expand programs such as eMINTS. The district has addressed this both through acquisition of grants and dedication of available building level and district budgets above the annual technology budget when funds are available.
- Replacement of outdated equipment and maintenance costs are addressed within the annual technology budget.
- Replacement and upgrade of outdated software and licensing is addressed through building level budgets and department grants including business and vocational technology grants.

- The cost of supplies needed on a daily basis (e.g. printer paper and toner) is included in building, grade level and department budgets.
- The cost of training staff in quality integration of technology throughout the curriculum includes salaries and time of skilled trainers as well as substitutes for release time for staff for that training to take place. The district supports staff positions for technology, both a technology coordinator/network manager and an instructional technology specialist/certified eMINTS trainer. The district professional development budget funds ongoing training and support for the comprehensive eMINTS training, eMINTS4All training, and additional basic technology training/help sessions as needed for all staff.

Strengths and Weaknesses by Technology Focus Area

To be addressed in 2011 -2014 Action Plans as determined by data analysis.

TFA S: Student Learning

Strengths:

- Students continue to maintain improvement of test scores at or above state averages.
- Learning is enhanced through technology integrated across the curriculum.
- The district has basic technology competencies in place by grade levels.
- All classrooms have at least one computer and many have student minilabs.
- All buildings have at least one multimedia computer lab.
- eMINTS and eMINTS4All classrooms continue to increase in number and are available across all buildings. All 3rd and 4th grade classrooms are full eMINTS.
- The Intermediate School portable videoconferencing unit is utilized for distance learning opportunities.
- Handhelds are available in grades 3, 4, 5, and 8.

Student technology skill assessment is integrated into content area projects and is aligned with Missouri's Information and Communications Technology Literacy Grade-Level and Course-Level Expectations (ICTL GLEs and CLEs).

- This is a major step forward in technology integration throughout the curriculum. This is in place specifically in the 8th grade and is used as a measure of 8th grade technology literacy for the Census of Technology.

Weaknesses:

- There is only one comprehensive eMINTS classroom in the middle school (8th grade science eMINTS/METS) and none in the high school.
- Two of the four 5th grade are established as eMINTS4All classrooms with the remaining two having only portable projectors and student minilabs.
- There is some inconsistency across classrooms in the integration of technology into the curriculum.

- District-wide student competencies need to be updated to address the NETS*S standards and Missouri ICTL GLEs and CLEs.

TFA T: Teacher Preparation:

Strengths:

- Many teachers integrate technology into lessons.
- Many teachers participate in district provided as well as technology related training outside of the district.
- The district supports professional development to promote technology integration and best practices.
- Support staff includes both personnel for maintenance of equipment and instructional support.
- A district teacher, trained through the PD4ETS program as a certified eMINTS Technology Specialist, continues to train teachers in both Comprehensive eMINTS and eMINTS4All.
- Professional development workshops on topics such as creating a classroom webpage through Dreamweaver and using Excel to manage student data are offered to support teachers' use of technology for a variety of purposes.
- The Professional Learning Community process in the district supports collaboration of teachers on all curriculum topics including technology.
- Electronic curriculum and student data management tools including EAT Online and SISK12 are available to all teachers.

Weaknesses:

- Due to the size of the staff and the amount of time needed for eMINTS training for that subgroup of the teachers, opportunities are more limited for general classroom teachers.
- Although the district has a list of basic technology competencies for teachers, these are not currently aligned with the ISTE NETS*T standards.
- Staff technology skills are assessed only through self evaluation surveys.
- No systematic process is in place to assure that all staff have basic technology competencies and that technology is integrated at a high quality level in all classrooms.
- Due to the size of the network and number of computers to maintain as well as the limited number of staff with time dedicated to tech support, teachers cannot always get prompt tech support on troubleshooting equipment.

TFA A: Administration/Data Management/Communication Processes

Strengths:

- District has established policies and procedures to align with requirements of CIPA in regards to AUP for staff and students, security, copyright and licensing agreements.
- District has provided PRI 1.5 megabit connection for voice telephone service.
- Computerized network software programs are in place to manage student data. Student information is available to teachers, parents and administrators through Internet via a remote access server and SISK12 Parent Portal.
- The district website is maintained and is a key method of communication at the district, building and classroom level.

Weaknesses:

- Server space is becoming limited and needs to be upgraded to maintain integrity of access to key programs and data.
- The Student Information System, EAT Online and LEMCO systems are not always user friendly. Training is needed for newer staff to develop skills in using these tools.
- The Student Information System, LEMCO and human services software are not fully integrated making core data entry more difficult to manage.
- The district website is mainly html and is maintained at the district level by one or two staff members. A more interactive, content management system needs to be developed so that more key staff members can independently contribute directly and in a more timely manner.
- The district has limited or no presence on social networks such as Twitter and Facebook so that the community at large is informed about important district events.

TFA R: Resource Distribution

Strengths:

- The district maintains a robust T10 connection with MOREnet.
- All buildings are connected through a WAN.
- All classrooms have at least one multimedia networked computer and many have additional student minilab computers.
- All buildings have at least one multimedia lab and a portable laptop/data projection set up.
- Expansion of the number of eMINTS classrooms and eMINTS4All classrooms continues at all building levels through both grants and district budget considerations.
- Equitable access to technology is ensured by regular use of computer labs in all buildings.
- Through the high school vocational/agricultural and business grants, a laptop cart is available with laptops that are wireless capable.

Weaknesses:

- At times we are using over 95% of the available bandwidth.
- Many of our computers are aging and will soon need replacement. Due to budget constraints, our replacement cycle has been changed to a maintenance and repair cycle.
- Computer lab time is limited to access by scheduling through a sign up system so that at times equitable availability is not guaranteed.
- Access in some building levels is limited due to lack of network wiring and connections.

TFA TS: Technical Support**Strengths:**

- The district has both a technology coordinator/network manager and an instructional technology specialist along with two building media specialists to provide technical support to staff.
- There is a system at all levels to submit technology work orders and a support site is available to staff online.
- Remote access is available in all areas making technical support possible from a central remote location.
- Technical support is available for both hardware considerations and curriculum integration issues.

Weaknesses:

- The district is understaffed in hardware technical support by the standards set in the Missouri Education Technology Strategic Plan 2007-2011.
- Older installations of wiring limit the speed of connections in some areas of the district.
- Back up of all data is not possible nightly due to the amount of information on the network. Additionally due to the amount of time needed for the nightly back up, network access is restricted between 10:30 pm and 6:30 am.
- Upgrade of the network server array is needed to maintain integrity and access to all data.

2011-2014 Goals and Objectives

After compiling data and evaluating strengths and weaknesses, the following technology goals are set to complement the district mission statement and CSIP goals and align more directly with the TFAs as directed by the Missouri Education Technology Strategic Plan 2007-1011.

Student TFA Goal: Student learning will improve through the use of technology.

Objective S.1: Student achievement as measured through standardized test scores including MAP and ACT will be improved by applying best practices and research based teaching strategies.

Objective S.2: Technology including updated computers, SMARTboards, and computer software to support learning activities will be available in every classroom and computer lab as determined by building administration.

Objective S.3: Technology-rich classrooms will be added to Middle and High School.

Objective S.4: The district will support Missouri's Information Communication Technology Literacy Grade Level and Course Level Expectations (ICTL GLEs and CLEs).

Objective S.5: A student skill assessment based on the ICTL GLEs and CLEs will be developed to measure technology skill acquisition of students.

Teacher TFA Goal: Teacher preparation and delivery of instruction will improve through the use of educational technologies improving student performance.

Objective T.1: The district will continue and expand eMINTS program and training.

Objective T.2: Professional development opportunities will be provided to promote best practices and technology integration strategies for all teachers.

Objective T.3: The district will adopt the NETS standards for teachers and administrators.

Objective T.4: A staff skill assessment based on the NETS*T will be developed to measure technology skill acquisition of teachers and support staff.

Administration TFA Goal: Administration, data management, and communications will support and enhance learning through technology.

Objective A.1: The district budget will include funding for technology at all building levels to match projected needs for maintenance and replacement of computers and expanding needs of the servers and infrastructure of the network.

Objective A.2: Software to manage data including SISK12, EAT Online, and LEMCO will be continually evaluated to improve usability and compatibility to streamline teacher and administrative processes.

Objective A.3: A process will be developed to gain staff user input when new programs are being considered for purchase and implementation.

Objective A.4: Communication among students, teachers, administration, parents and community members will increase.

Objective A.5: Establish and maintain policies and procedures to ensure effective and safe use of technology resources that are in compliance with federal and state requirements.

Resource TFA Goal: Resource distribution will provide equitable access to high quality technology for all students, teachers, and administrators to promote performance.

Objective R.1: A strategic long term replacement schedule will be developed to maintain consistent modern computers and best quality software.

Objective R.2: The district will continually update and maintain switches, routers and servers and upgrade wiring to improve connectivity and ability to expand access in all buildings.

Objective R.3: Multimedia computer labs, eMINTS classrooms and other technology-rich classrooms will be maintained and expanded at all levels.

Technical Support TFA Goal: Adequate technical support will be available to all students, staff, and administrators to improve learning.

Objective TS.1: The district will provide additional technology staff to provide support in all buildings.

Objective TS.2: The technology coordinator/network administrator will work with the Director of Operations and Financial/ Budget Director to update and expand the technology infrastructure.

Student TFA 2011-2014 Goal and Objectives:

Goal: Student learning will improve through the use of technology.

Objective	Progress Expected	Progress Measured
<p><i>Objective S.1:</i> Student achievement as measured through standardized test scores including MAP and ACT will be improved by applying best practices and research based teaching strategies.</p>	<p>The percentage of Hallsville R-IV students scoring at the top two levels of the MAP in the areas of Math and Communication Arts will equal or exceed the AYP goal of the NCLB legislation. Additionally Hallsville seniors taking the ACT will score at or above the State average in all areas.</p>	<p>MAP and ACT scores reviewed annually as related to AYP.</p>
<p><i>Objective S.2:</i> Technology including updated computers, SMARTboards, and computer software to support learning activities will be available in every classroom and computer lab as determined by building administration.</p>	<p>The district will continually expand the number and quality of technology available for student use through out the district.</p>	<p>COT, Technology Budget, and Replacement plan review annually.</p>
<p><i>Objective S.3:</i> Technology-rich classrooms will be added to Middle and High School.</p>	<p>Strategic placement of eMINTS, technology - rich classrooms in departments in Middle School and High School will promote access to quality technology usage at all levels.</p>	<p>COT, Technology Budget, Professional Development surveys and plan reviewed annually.</p>
<p><i>Objective S.4:</i> The district will support Missouri's Information Communication Technology Literacy Grade Level and Course Level Expectations (ICTL GLEs and CLEs).</p>	<p>Adopt and integrate the Missouri ICTL GLEs and CLEs into the curriculum at all grade levels by 2014.</p>	<p>Technology Committee action, School Board policy review, Curriculum lesson plan review annually.</p>
<p><i>Objective S.5:</i> A student skill assessment based on the ICTL GLEs and CLEs will be developed to measure technology skill acquisition of students.</p>	<p>Integrate the ICTL GLEs and CLEs into the curriculum along with common assessments/portfolios showing mastery at a 75% competency level by 2011. 8th Grade Technology Literacy will improve by 2% annually.</p>	<p>COT, Student skill assessment and survey conducted and reviewed annually.</p>

Student TFA 2011-2014 Action Plan

Goal: Student learning will improve through the use of technology.

Objective S.1: Student achievement as measured through standardized test scores including MAP and ACT will be improved by applying best practices and research based teaching strategies.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Teachers will monitor teaching practices based on MAP and ACT student performance annually, making appropriate adjustments.	6.3 (1)	1,3,4 (3.5)	S1 T1	Staff, Administration	District No Cost	Ongoing
Continue to expand eMINTS/ eMINTS4All program and training into middle school and high school	6.4 (3,4) 6.7 (6)	1-5 (5.5) 1-5, (5.4)	S1 T1 R1	Administration, Instructional Tech Spec.	District	Ongoing as funds allow
District reviews and revises curriculum to integrate technology activities and best teaching practices.	6.4 (2) 6.7 (6)	1-5 (9.1, 9.2, 13.1)	S1 T1	Dir. Of Curriculum, Certified Staff	District No Cost	Ongoing
The district will maintain student network logins in addition to email accounts.	6.4 (3,4)	1-5 (4.1,2)	A2	Technology Coordinator, Administration	District No Cost	Ongoing Updated annually
Network applications and software are upgraded to match learning needs of students.	6.4 (3,4)	1-5 (4.2,3)	S1 T1 A2 R1	Technology Committee, Staff and Administration	District	Ongoing as funds allow
<p>Benchmarks: Progress will meet or exceed AYP required by NCLB. Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences. Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved.. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Student TFA 2011-2014 Action Plan

Goal: Student learning will improve through the use of technology.

Objective S.2: Technology including updated computers, SMARTboards, and computer software to support learning activities will be available in every classroom and computer lab as determined by building administration.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
District develops a strategic technology replacement plan.	6.4 (3,4)	1-5 (4.2)	S1 T1 R1	Administration, Technology Committee	District No Cost	Ongoing – adjusted due to budget constraints
Continue to expand eMINTS /eMINTS4All program and training into middle school and high school	6.4 (3,4) 6.7 (6)	1-5 (5.5) 1-5, (5.4)	S1 T1 R1	Administration, Instructional Technology Specialist	District	Ongoing as funds allow
Select teachers will receive SMARTboards to utilize in classrooms.	6.4 (3,4)	1-5 (4.6)	S1 T1 R1	Dir. Of Curriculum, Administration	District	Ongoing as funds allow
Network applications and software are upgraded to match learning needs of students.	6.4 (3,4)	1-5 (4.2,3)	S1 T1 A2 R1	Technology Committee, Staff and Administration	District	Ongoing as funds allow
<p>Benchmarks: Computers and software older than 5 years are replaced or upgraded and at least one new eMINTS/eMINTS4All classroom is added annually.</p> <p>Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences.</p> <p>Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Student TFA 2011-2014 Action Plan

Goal: Student learning will improve through the use of technology.

Objective S.3: Technology-rich classrooms will be added to Middle and High School.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Add network infrastructure necessary for expansion of connectivity in key areas of middle school and high school.	8.9 (2)	1-5 (10.5)	A1 R1 TS1	Dir. Of Operations, Tech Coord.	District	Ongoing as funds allow
Continue to expand eMINTS /eMINTS4All program and training into middle school and high school .	6.4 (3,4) 6.7 (6)	1-5 (5.5) 1-5, (5.4)	S1 T1 R1	Administration, Instructional Technology Specialist	District	Ongoing as funds allow
Select teachers will receive SMARTboards to utilize in classrooms.	6.4 (3,4)	1-5 (4.6)	S1 T1 R1	Dir. Of Curriculum, Administration	District	Ongoing as funds allow
Network applications and software are upgraded to match learning needs of students.	6.4 (3,4)	1-5 (4.2,3)	S1 T1 A2 R1	Technology Committee, Staff and Administration	District	Ongoing as funds allow
<p>Benchmarks: At least one new eMINTS/eMINTS4All classroom and trained teacher is added annually.</p> <p>Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences.</p> <p>Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Student TFA 2011-2014 Action Plan

Goal: Student learning will improve through the use of technology.

Objective S.4: The district will support Missouri's Information Communication Technology Literacy Grade Level and Course Level Expectations (ICTL GLEs and CLEs).

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Teachers will be surveyed regarding technology expertise of students.	6.4 (3,4)	1-5 (4.7)	S2 T2	Administrators, Instr. Tech. Spec.	District No cost	Annually in January
District will work toward mastery of the NETS standards for grades K-12.	6.4 (2)	1,3,4,5 (9.1,2,3,4)	S2 T2	All Staff	District No cost	Ongoing
Curriculum lessons and activities will integrate technology in all subject areas to implement the ICTL GLEs and CLEs.	6.7 (6)	1-5 (13.1)	S2 T2	PLC Teams, Dir. Of Curr., Instr. Tech Spec.	District No cost	Ongoing
Establish district wide instruction that is age appropriate.	6.3	1-5 (14.4)	S2 T2	All Staff, Dir. of Curr. Instr. Tech. Spec.	District No cost	Ongoing
<p>Benchmarks: NETS performance standards and ICTL GLEs and CLEs will be reflected in all curricular areas through exemplar technology lessons.</p> <p>Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences.</p> <p>Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Student TFA 2011-2014 Action Plan

Goal: Student learning will improve through the use of technology.

Objective S.5: A student skill assessment based on the ICTL GLEs and CLEs will be developed to measure technology skill acquisition of students.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Compare measurable learner objectives with NETS*S performance indicators and ICTL GLEs and CLEs. Modify measurable learner objectives as necessary.	6.4 (2)	1,3,4,5 (9.4)	S2 T2	All Staff, Administrators, Instr. Tech. Spec.	District No cost	Ongoing
Formal and informal student data is periodically collected and analyzed.	6.5 (1,2)	1-5 (1.5)	S2 T2	All Staff, Dir. of Curriculum	District No cost	Ongoing
Common assessments based on NETS*S and ICTL GLEs and CLEs and scoring guides will be developed to measure technology skills.	6.7 (6)	1-5 (13.1)	S2 T2	PLC Teams, Dir. of Curr., Instr. Tech Spec.	District No cost	Ongoing
Determine 8 th Grade Technology Literacy level for Core Data entry.	6.4 (2)	1,3,4,5 (9.4)	S2 T2	All Staff, Administrators, Instr. Tech. Spec.	District No cost	Ongoing
<p>Benchmarks: Integrate the NETS*S and ICTL GLEs and CLEs into the curriculum along with common assessments/portfolios showing mastery at a 75% competency level. 8th Grade Technology Literacy will improve by 2% annually.</p> <p>Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences.</p> <p>Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Teacher TFA 2011-2014 Goal and Objectives:

Goal: Teacher preparation and delivery of instruction will improve through the use of educational technologies improving student performance.

Objective	Progress Expected	Progress Measured
<i>Objective T.1:</i> The district will continue and expand eMINTS program and training.	Strategic placement of eMINTS classrooms in departments in Middle School and High School will promote access to quality technology usage at all levels.	COT, Technology Budget, Professional Development surveys and plan reviewed annually.
<i>Objective T.2:</i> Professional development opportunities will be provided to promote best practices and technology integration strategies for all teachers.	The district will continually expand the number and quality of technology available for student use through out the district.	COT, Technology Budget, and Replacement plan review annually.
<i>Objective T.3:</i> The district will adopt the NETS standards for teachers and administrators.	Adopt and integrate the NETS*T into teacher expectations at all grade levels by 2014.	Technology Committee action, School Board policy review, Professional Development plan review annually.
<i>Objective T.4:</i> A staff skill assessment based on the NETS*T will be developed to measure technology skill acquisition of teachers and support staff.	Integrate the NETS*T into teacher expectations showing mastery at a 75% competency level by 2014.	Teacher skill assessment and survey conducted and reviewed annually.

Teacher TFA 2011-2014 Action Plan

Goal: Teacher preparation and delivery of instruction will improve through the use of educational technologies improving student performance.

Objective T.1: The district will continue and expand eMINTS program and training.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Add network infrastructure necessary for expansion of connectivity in key areas of middle school and high school	8.9 (2)	1-5 (10.5)	A1 R1 TS1	Dir. Of Operations, Tech Coord.	District	Ongoing as funds allow
Continue to expand eMINTS program and training into middle school and high school (one classroom per year).	6.4 (3,4) 6.7 (6)	1-5 (5.5) 1-5, (5.4)	S1 T1 R1	Administration, Instructional Technology Specialist	District	Ongoing as funds allow
Select teachers will receive SMARTboards to utilize in classrooms.	6.4 (3,4)	1-5 (4.6)	S1 T1 R1	Dir. Of Curriculum, Administration	District	Ongoing as funds allow
Network applications and software are upgraded to match learning needs of students.	6.4 (3,4)	1-5 (4.2,3)	S1 T1 A2 R1	Technology Committee, Staff and Administration	District	Ongoing as funds allow
<p>Benchmarks: At least one new eMINTS/eMINTS4All classroom and/or trained teacher is added annually. Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences. Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Teacher TFA 2011-2014 Action Plan

Goal: Teacher preparation and delivery of instruction will improve through the use of educational technologies improving student performance.

Objective T.2: Professional development opportunities will be provided to promote best practices and technology integration strategies for all teachers.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Survey teachers regarding professional development for technology integration and best practices.	6.7 (4)	1-5 (5.1)	T1 A1	PD committee, Tech Committee	District No cost	Annually in the Fall and Spring
Provide summer, after school, and Teacher/Admin Day technology training.	6.7 (2,4)	1-5 (5.2,3,5)	S1 T1 R1	Administration, Instructional Technology Specialist	District No cost	Ongoing
Select teachers will receive SMARTboards to utilize in classrooms.	6.4 (3,4)	1-5 (4.6)	S1 T1 R1	Dir. Of Curriculum, Administration	District	Ongoing as funds allow
Teachers will increase the number of lesson plans integrating technology skills and tools.	6.7 (6)	1-5 (13.1)	S2 T2	PLC Teams, Dir. Of Curr., Instr. Tech Spec.	District No cost	Ongoing
<p>Benchmarks: District Professional Development, Technology surveys, a curriculum review will reflect commitment to best practices and technology integration.</p> <p>Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences.</p> <p>Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Teacher TFA 2011-2014 Action Plan

Goal: Teacher preparation and delivery of instruction will improve through the use of educational technologies improving student performance.

Objective T.3: The district will adopt the NETS standards for teachers and administrators.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Teachers will be surveyed regarding technology expertise.	6.4 (3,4)	1-5 (4.7)	S2 T2	Administrators, Instr. Tech. Spec.	District No cost	Annually in January
New teachers will participate in orientation sessions explaining NETS standards and performance indicators.	6.7 (6)	1-5 (5.10)	T2 A1	Administrators, Instr. Tech Spec., Media Specialists	District No cost	Annually in August
District will work toward master of the NETS standards for teachers.	6.7 (2,4)	1-5 (5.2,5)	T2 A1	Prof. Dev. Committee, Tech Com.	District No cost	Ongoing
Professional development plans and activities will integrate technology in all subject areas.	6.7 (2)	1-5 (5.5)	S2 T2	PLC Teams, Dir. Of Curr., Instr. Tech Spec.	District No cost	Ongoing
Develop a system of technology mentors.	6.7 (6)	1-5 (5.10)	T2 A1	Administrators, Instr. Tech Spec., Media Specialists	District No cost	Ongoing, as needed

Benchmarks: NETS performance standards for teachers will be reflected in all curricular areas through exemplar technology lessons and professional development activities.

Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences.

Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.

Teacher TFA 2011-2014 Action Plan

Goal: Teacher preparation and delivery of instruction will improve through the use of educational technologies improving student performance.

Objective T.4: A staff skill assessment based on the NETS*T will be developed to measure technology skill acquisition of teachers and support staff.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Compare measurable teacher performance from PBTE and building principal expectations with NETS*T performance indicators. Modify measurable teacher objectives as necessary.	6.7 (4)	1-5 (5.1)	T2 A1	Administrators, PD Committee, Tech Instr. Spec.	District No cost	Fall 2014
Formal and informal teacher data is periodically collected and analyzed.	6.7 (2,6)	1-5 (5.5,9)	T2 A1	All Staff, PD Committee, Tech Committee	District No cost	Annually in Fall and Spring ,Ongoing
Written assessments based on NETS*T and scoring guides will be developed to measure technology skills.	6.7 (6)	1-5 (13.1)	S2 T2	PLC Teams, Dir. of Curr., Instr. Tech Spec.	District No cost	Ongoing
<p>Benchmarks: Integrate the NETS*T into the teacher performance standards along with written assessments showing mastery at a 75% competency level.</p> <p>Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences.</p> <p>Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Administration TFA 2011-2014 Goal and Objectives:

Goal: Administration, data management, and communications will support and enhance learning through technology.

Objective	Progress Expected	Progress Measured
<i>Objective A.1:</i> The district budget will include funding for technology at all building levels to match projected needs for maintenance and replacement of computers and expanding needs of the servers and infrastructure of the network.	Develop a strategic long range replacement plan that will be funded consistently through district technology annual budget.	COT, Technology Budget and strategic replacement plan developed and reviewed annually.
<i>Objective A.2:</i> Software to manage data including SIS, EAT Online, and LEMCO will be continually evaluated to improve usability and compatibility to streamline teacher and administrative processes.	90% of staff surveyed will express confidence in use of data management software. New versions will be explored to increase usability and integration of software.	District Technology and PDC surveys, monitor daily use
<i>Objective A.3:</i> A process will be developed to gain staff user input when new programs are being considered for purchase and implementation.	Guidelines for technology committee and staff input into purchasing decisions will be developed.	Technology Committee action, School Board policy and procedures review, Building administrator budget procedures review annually.
<i>Objective A.4:</i> Communication among students, teachers, administration, parents and community members will increase.	90% of teachers will use electronic communication as the primary means of parent communication.	District Census of Technology, District teacher surveys, daily monitor of web site usage
<i>Objective A.5:</i> Establish and maintain policies and procedures to ensure effective and safe use of technology resources that are in compliance with federal and state requirements.	95% of students and staff surveyed will indicate appropriate and safe use of technology tools and resources that promote personal, academic, and career needs.	MSIP Advanced Questionnaire and local surveys.

Administration TFA 2011-2014 Action Plan

Goal: Administration, data management, and communications will support and enhance learning through technology.

Objective A.1: The district budget will include funding for technology at all building levels to match projected needs for maintenance and replacement of computers and expanding needs of the servers and infrastructure of the network.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Update current technology inventory.	6.4 (3,4)	1-5 (4.1,2)	A1, A2 R1, TS1	Technology Coordinator, Media & Instr. Specialists,	District No cost	Annually in January
District provides PRI 1.5 megabit connection for voice telephone service.	6.4 (3,4) 8.9 (2)	1-5 (4.1,2) 1-5 (10.2)	A1, A2 R1, TS1	Tech Coord., Dir. of Fin., Bldg. Principals	District \$4,000	Ongoing
Replacement of or upgrade for outdated technology or any computer in service over 5 years.	6.4 (3,4) 8.9 (2)	1-5 (4.1,2) 1-5 (10.2)	A1, A2 R1, TS1	Tech Coord., Dir. of Fin., Bldg. Principals, Dir. of Operations	District \$80,000 annually for replacement OR \$40,000 for maintaining and upgrade	Ongoing, update annually in February
Project long range 5 year replacement needs	6.4 (3,4) 8.9 (2)	1-5 (4.1,2) 1-5 (10.1,2,3, 4,5)	A1, A2 R1, TS1	Tech Comm., Tech Coord., Bldg. Principals, Dir. of Operations	District No cost	Ongoing, update annually in February
Submit technology budget.	6.4 (3,4)	1-5 (4.2)	A1, A2, R1	Tech Coord., Director of Finance	District No cost	Annually in February
<p>Benchmarks: Replacement plan in place and district funds are allocated to support plan. Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences. Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Administration TFA 2011-2014 Action Plan

Goal: Administration, data management, and communications will support and enhance learning through technology.

Objective A.2: Software to manage data including SIS, EAT Online, and LEMCO will be continually evaluated to improve usability and compatibility to streamline teacher and administrative processes.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Survey staff on use of software for data management.	6.4 (3,4) 6.7 (6)	1-5 (4.7) 1-5 (5.1,8)	T1, A1, A2	Tech Instr. Spec., PD Committee	District No cost	Fall and Spring annually
Provide training to staff as need indicates.	6.7 (4)	1-5 (5.2)	T1, A1, A2	Tech Instr. Spec., PD Committee	District No cost	Ongoing, as needed
Review existing software and explore updated versions.	6.4 (3,4)	1-5 (4.2)	A1, A2, TS1	Administration, Tech Committee	District No cost	Ongoing, annually
Select staff to pilot possible upgrades or new programs.	6.4 (3,4)	1-5 (4.2)	T1, A1, A2, TS1	Administrators, Tech Committee	District No cost	Annually, As needed
<p>Benchmarks: 90% of staff surveyed will express confidence in use of data management software. New versions will be explored to increase usability and integration of software.</p> <p>Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences.</p> <p>Begin/Review Dates: All action steps will begin June 2010 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Administration TFA 2011-2014 Action Plan

Goal: Administration, data management, and communications will support and enhance learning through technology.

Objective A.3: A process will be developed to gain staff user input when new programs are being considered for purchase and implementation.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Review existing software and explore updated versions.	6.4 (3,4)	1-5 (4.2)	A1, A2, TS1	Administration, Tech Committee	District No cost	Ongoing, annually
Select staff to pilot possible upgrades or new programs.	6.4 (3,4)	1-5 (4.2)	T1, A1, A2, TS1	Administrators, Tech Committee	District No cost	Annually, As needed
Provide training to staff as need indicates.	6.7 (4)	1-5 (5.2)	T1, A1, A2	Tech Instr. Spec., PD Committee	District No cost	Ongoing, as needed
Survey staff to assess new program usability and application to instructional needs.	6.7 (4)	1-5 (5.1)	T1, T2, A1, A2	Administration, Tech Committee	District No cost	Ongoing, as needed
<p>Benchmarks: Guidelines for staff input are in place and evident through new program review processes. Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences. Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Administration TFA 2011-2014 Action Plan

Goal: Administration, data management, and communications will support and enhance learning through technology.

Objective A.4: Communication among students, teachers, administration, parents and community members will increase.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Provide training to all staff, including new staff, on the use of email, voice mail and district web site.	6.7 (2,4)	1-5 (5.2,3)	T1, A2	Administrators, Media and Instr. Spec.	District No cost	Annually in August
Provide summer, after school and teacher/admin day training on contributing and managing classroom websites.	6.7 (2)	1-5 (5.5)	T1, A2	Media and Instr. Spec.	District No cost	Ongoing, as needed
Explore and utilize new technologies in electronic communication such as blogs, wikis and moodles as well as a content management system component to our website.	8.9 (2)	1-5 (7.2,4)	T1, A2	Veteran eMINTS teachers, Media and Instr. Spec.	District No cost	Ongoing, as needed
Cellular phone service including Internet data package is provided to key district personnel.	8.9(2)	1-5 (7.2,4)	A2	Administrators, Tech Coord.	District \$3000	Ongoing
<p>Benchmarks: 90% of teachers will use electronic communication as the primary means of parent communication. Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences. Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Administration TFA 2011-2014 Action Plan

Goal: Administration, data management, and communications will support and enhance learning through technology.

Objective A.5: Establish and maintain policies and procedures to ensure effective and safe use of technology resources that are in compliance with federal and state requirements.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
The district will continue to establish, update and require all staff and students to agree to a District AUP.	6.3, 6.6 8.11	1-5 (5.2,3)	S1,S2,T1, T2, A2, R1, TS1	Administrators, Instr. Spec.	District No cost	Annually in August
The district will adopt and implement an online safety curriculum such as NetSmartz to promote digital citizenship and prevent misuse such as cyberbullying at all levels.	6.3, 6.6 8.11	1-5 (5.5)	S1,S2,T1, T2, A2, R1, TS1	Curr. Dir., Instr. Spec., Media Spec., Administrators, Teachers	District No cost	Ongoing, as needed
<p>1.Action Step: Survey staff for current curriculum in place for online safety and select programs to pilot. Date To Implement Action Step: 08/31/2011 Date of Completion: 09/30/2011</p> <p>2.Action Step: Select and train teachers to pilot the online safety curriculum under consideration. Date To Implement Action Step: 09/30/2011 Date of Completion: 11/04/2011</p> <p>3.Action Step: Teachers pilot given curriculum. Date To Implement Action Step: 11/04/2011 Date of Completion: 03/15/2012</p> <p>4.Action Step: Survey students and staff on elements of digital citizenship and cyber safety before and after pilots of curriculum. Date To Implement Action Step: 11/04/2011 Date of Completion: 03/16/2012</p> <p>5.Action Step: Review survey results and select a program to present for district adoption. Date To Implement Action Step: 03/23/2012 Date of Completion: 04/04/2012</p> <p>6.Action Step: Train all staff in implementation of adopted curriculum, integrate into overall curriculum plans, monitor and support as needed. Date To Implement Action Step: 04/12/2012 Date of Completion: 06/30/2014</p>						
<p>Benchmarks: 95% of students and staff surveyed will indicate appropriate and safe use of technology tools and resources that promote personal, academic, and career needs.</p> <p>Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences.</p> <p>Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Resource TFA 2011-2014 Goal and Objectives:

Goal: Resource distribution will provide equitable access to high quality technology for all students, teachers, and administrators to promote performance.

Objective	Progress Expected	Progress Measured
<i>Objective R.1:</i> A strategic long term replacement schedule will be developed to maintain consistent modern computers and best quality software.	Develop a strategic long range replacement plan that will be funded consistently through district technology annual budget.	COT, Technology Budget and strategic replacement plan developed and reviewed annually.
<i>Objective R.2:</i> The district will continually update and maintain switches, routers and servers and upgrade wiring to improve connectivity and ability to expand access in all buildings.	Infrastructure will be maintained at a high level in all buildings in the district.	Technology Evaluation Report, Technology Plan reviewed annually
<i>Objective R.3:</i> Multimedia computer labs, eMINTS classrooms and other technology-rich classrooms will be maintained and expanded at all levels.	Replacements as well as new numbers of computers will be purchased each year. At least one new eMINTS room will be added at the MS/HS level(s)	COT, Strategic Replacement Plan, District Technology Inventory reviewed annually

Resource TFA 2011-2014 Action Plan

Goal: Resource distribution will provide equitable access to high quality technology for all students, teachers, and administrators to promote performance.

Objective R.1: A strategic long term replacement schedule will be developed to maintain consistent modern computers and best quality software.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Update current technology inventory.	6.4 (3,4)	1-5 (4.1,2)	A1, A2 R1, TS1	Technology Coordinator, Media & Instr. Specialists,	District No cost	Annually in January
Replacement of outdated technology or upgrade/update for any computer in service over 5 years.	6.4 (3,4) 8.9 (2)	1-5 (4.1,2) 1-5 (10.2)	A1, A2 R1, TS1	Tech Coordinator, Dir. of Fin., Bldg. Principals, Dir. of Operations	District \$80,000 annually for replacement OR \$40,000 for maintaining and upgrade	Ongoing, update annually in February
Project long range 5 year replacement needs.	6.4 (3,4) 8.9 (2)	1-5 (4.1,2) 1-5 (10.1,2,3, 4,5)	A1, A2 R1, TS1	Tech Comm., Tech Coordinator, Bldg. Principal, Dir. of Operations	District No cost	Ongoing, update annually in February

Benchmarks: Replacement plan in place.

Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences.

Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.

Resource TFA 2011-2014 Action Plan

Goal: Resource distribution will provide equitable access to high quality technology for all students, teachers, and administrators to promote performance.

Objective R.2: The district will continually update and maintain switches, routers and servers and upgrade wiring to improve connectivity and ability to expand access in all buildings.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Add network infrastructure necessary for expansion of connectivity in key areas of middle school and high school.	8.9 (2)	1-5 (10.5)	A1 R1 TS1	Dir. Of Operations, Tech Coordinator	District	Ongoing as funds allow
<p>Benchmarks: Upgraded infrastructure consistently supports expanding availability of technology in all buildings. Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences. Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Resource TFA 2011-2014 Action Plan

Goal: Resource distribution will provide equitable access to high quality technology for all students, teachers, and administrators to promote performance.

Objective R.3: Multimedia computer labs, eMINTS classrooms and other technology-rich classrooms will be maintained and expanded at all levels.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Update current technology inventory.	6.4 (3,4)	1-5 (4.1,2)	A1, A2 R1, TS1	Technology Coordinator, Media & Instr. Specialists,	District No cost	Annually in January
Replacement of outdated technology or upgrade/update for any computer in service over 5 years.	6.4 (3,4) 8.9 (2)	1-5 (4.1,2) 1-5 (10.2)	A1, A2 R1, TS1	Tech Coordinator, Dir. of Fin., Bldg. Principals, Dir. of Operations	District \$80,000 annually for replacement OR \$40,000 for maintaining or upgrade	Ongoing, update annually in February
Project long range 5 year replacement and expansion needs.	6.4 (3,4) 8.9 (2)	1-5 (4.1,2) 1-5 (10.1,2,3,4,5)	A1, A2 R1, TS1	Tech Comm., Tech Coordinator, Bldg. Principals, Dir. of Operations	District No cost	Ongoing, update annually in February
<p>Benchmarks: Replacement plan in place in addition to evidence of planning for addition of new technologies. Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences. Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved.. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Technical Support TFA 2011-2014 Goal and Objectives:

Goal: Adequate technical support will be available to all students, staff, and administrators to improve learning.

Objective	Progress Expected	Progress Measured
<i>Objective TS.1:</i> The district will provide additional technology staff to provide support in all buildings.	Additional staff will be identified and trained to provide additional technical support in all buildings.	COT, District Work Order System and Technology Surveys reviewed annually.
<i>Objective TS.2:</i> The technology coordinator/network administrator will work with the Director of Operations and Financial/ Budget Director to update and expand the technology infrastructure.	Infrastructure will be maintained at a high level in all buildings in the district.	Technology Evaluation Report, Technology Plan reviewed annually

Technical Support TFA 2011-2014 Action Plan

Goal: Adequate technical support will be available to all students, staff, and administrators to improve learning.

Objective TS.1: The district will provide additional technology staff to provide support in all buildings.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Teachers will be surveyed regarding technology expertise.	6.4 (3,4)	1-5 (4.7)	S2 T2	Administrators, Instr. Tech. Spec.	District No cost	Annually in January
Develop a system of technology mentors.	6.7 (6)	1-5 (5.10)	T2 A1	Administrators, Instr. Tech Spec., Media Specialists	District No cost	Ongoing, as needed
Provide addition training to tech mentors to expand expertise in troubleshooting new or difficult hardware and software.	6.7 (2)	1-5 (5.5)	S2 T2	Tech Coordinator, Media and Instr. Tech Spec.	District No cost	Ongoing

Benchmarks: Technical support and response time will be improved.

Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences.

Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.

Technical Support TFA 2011-2014 Action Plan

Goal: Adequate technical support will be available to all students, staff, and administrators to improve learning.

Objective TS.2: The technology coordinator/network administrator will work with the Director of Operations and Financial/ Budget Director to update and expand the technology infrastructure.

Strategies/Action Steps	MSIP Standard (Indicator)	CSIP Objective (Strategy. Step)	State Plan Objective	Person(s) Responsible	Funding Source(s)/ Estimated Cost	Completion Date
Add network infrastructure necessary for expansion of connectivity in key areas of middle school and high school.	8.9 (2)	1-5 (10.5)	A1 R1 TS1	Dir. Of Operations, Tech Coordinator	District	Ongoing as funds allow
The infrastructure in the Intermediate building will be evaluated and upgraded as necessary to maintain connectivity.	8.9 (2)	1-5 (10.5)	A1 R1 TS1	Dir. Of Operations, Tech Coordinator	District	Ongoing as funds allow
<p>Benchmarks: Upgraded infrastructure consistently supports expanding availability of technology in all buildings. Correction Strategies: Review, evaluate, and modify as needed to increase technology related learning experiences. Begin/Review Dates: All action steps will begin June 2011 or as soon as the plan is Board approved. All action steps will be reviewed annually for progress analysis and possible revision.</p>						

Communication and Dissemination

The Hallsville R-IV District will provide information about this plan to patrons, students, and employees of the district by making copies available in all building offices and media centers. A copy will be given to each board member and technology committee member. The plan will also be posted on the district website and informational articles will be put in the local newspaper(s).

A discussion forum will be developed by the district instructional technology specialist through the educational technology pages on the district website to facilitate communication and dissemination of the plan. This will allow for asynchronous communication and collaboration of key stakeholders and interested public as the new technology plan is implemented.

Monitoring

The district technology committee will meet regularly and monitor progress on the technology goals and objectives. The timelines and progress benchmarks of the action plans will form the basis for the ongoing monitoring process. Progress and details of the activities related to the implementation of the technology plan that directly impact student achievement will be reported in the annual technology evaluation report to the school board. Information may include data about policy changes, hardware and software acquisitions, teacher training, student and faculty needs assessments and budgetary concerns as addressed by the technology plan.

Evaluation

Any changes to the district technology plan will be reviewed by the district technology committee and be submitted to the school board for approval. Review and revision of the district technology plan shall be done in a yearly cycle. Annually, the technology committee will evaluate the plan and summarize progress and impact. A district technology evaluation report will be presented to the Hallsville R-IV School Board and posted on the website on an annual basis.