

[Larger](#) | [Smaller](#) [ [Reset](#) ]**Run Date:** 04-19-2012**MO DEPT ELEMENTARY AND SECONDARY EDUCATION****Run Time:** 10:16:40**EPEGS****Submitted Date:** 4/9/2012**Education Technology Plan****Submitted UserID:** CBRANDT2**SCHOOL YEAR:** 2011 - 2012**DISTRICT:** 022-091 BILLINGS R-IV

**Mission Statement:** THE MISSION OF THE BILLINGS R-IV SCHOOL DISTRICT, WHICH IS PROGRESSIVE AND RICH IN TRADITION, IS TO PROVIDE A STUDENT CENTERED EDUCATIONAL EXPERIENCE GUARANTEEING OUR GRADUATES ARE PREPARED, CONFIDENT, AND WILLING TO CREATIVELY AND EFFECTIVELY MEET LIFE'S CHALLENGES.

**Local Needs:**

BILLINGS R-IV SCHOOL DISTRICT CONTINUES TO WORK TO IMPROVE THE ROLE TECHNOLOGY PLAYS IN EVERY ASPECT OF THE DISTRICT'S PLAN TO PROVIDE STUDENTS WITH THE BEST POSSIBLE EDUCATION. ACCESS TO TECHNOLOGICAL RESOURCES MUST BE PROVIDED TO PROMOTE AND IMPROVE STUDENT PERFORMANCE AND ACADEMIC ACHIEVEMENT. ACCESS TO TECHNOLOGICAL RESOURCES MUST ALSO BE PROVIDED TO FACULTY, STAFF, AND ADMINISTRATORS. FACULTY NEEDS TO CONTINUE TO INTEGRATE TECHNOLOGY IN CURRICULUM DEVELOPMENT, LESSON PLANS, AND CLASSROOM INSTRUCTION. TEACHERS NEED TO HAVE THE ABILITY TO UTILIZE MULTIMEDIA PRESENTATION, MAXIMIZE AVAILABILITY OF WEB BASED RESOURCES, AND ALSO USE AVAILABLE TECHNOLOGY FOR PROFESSIONAL DEVELOPMENT AND IMPROVEMENT. ADMINISTRATORS NEED TO HAVE TECHNOLOGY AVAILABLE TO COMMUNICATE WITH STAFF, TEACHERS, AND PARENTS IN A TIMELY MANNER. IN ORDER TO MEET THESE NEEDS THE DISTRICT WILL PROVIDE A NETWORK INFRASTRUCTURE THAT PERMITS COOPERATION AND COLLABORATION AMONG STAFF. THIS INFRASTRUCTURE WILL ALSO BE DEVELOPED TO ALLOW THE CONVERGENCE OF VOICE, DATA, AND VIDEO FOR CLASSROOM INSTRUCTION, AND FACULTY AND STAFF PROFESSIONAL DEVELOPMENT. THE DISTRICT WILL PROVIDE THE APPROPRIATE HARDWARE FOR TEACHERS AND STUDENTS TO ACCESS AND USE AVAILABLE TECHNOLOGIES TO ADVANCE LEARNING. THE DISTRICT WILL ALSO PROVIDE THE NECESSARY SOFTWARE FOR TEACHERS, FACULTY, AND STAFF, IN THE AFOREMENTIONED AREAS. THE DISTRICT WILL CONTINUE TO PROVIDE THE NECESSARY TECH SUPPORT TO ASSIST ADMINISTRATORS, FACULTY, AND STAFF IN THESE AREAS, AS WELL AS PROMOTING THE SAFE AND HEALTHY USE OF THESE RESOURCES. OUTSIDE ACCESS TO THE INTERNET WILL CONTINUE TO BE PROVIDED AND UTILIZED IN THE FOLLOWING AREAS. INTERNET ACCESS IS A POWERFUL RESEARCH TOOL, AND CAN BE USED BY FACULTY, STAFF, ADMINISTRATORS, AND STUDENTS FOR THAT PURPOSE. THE INTERNET IS ALSO A WAY FOR ADMINISTRATORS, FACULTY, AND STAFF TO COMMUNICATE WITH PARENTS AND THE COMMUNITY. THE SCHOOL WILL CONTINUE TO UTILIZE THE SCHOOL'S WEB PAGE FOR THIS PURPOSE. IMPROVEMENTS WILL CONTINUE TO BE MADE TO ALLOW PARENTS TO KEEP INFORMED OF THEIR CHILD'S PERFORMANCE, NEEDS, AND EXPECTATIONS, AND STRENGTHEN THE BOND BETWEEN PARENTS, THE COMMUNITY, AND BILLINGS R-IV SCHOOL DISTRICT AS ALL WORK TO PROVIDE A QUALITY EDUCATION TO EVERY STUDENT IN BILLINGS R-IV SCHOOL SYSTEM.

1. THE DISTRICT WILL DEVELOP AND IMPLEMENT STRATEGIES TO IMPROVE STUDENT ACHIEVEMENT AT ALL GRADE LEVELS.
2. THE DISTRICT WILL PROVIDE AGE-APPROPRIATE COMPREHENSIVE SAFETY, HEALTH, AND WELLNESS INITIATIVES FOR STUDENT AND STAFF.
3. PROMOTE, FACILITATE AND ENHANCE PARENT STUDENT AND COMMUNITY INVOLVEMENT.
4. THE DISTRICT WILL INCREASE PERSISTENCE TO GRADUATION AND STRENGTHEN WORK PLACE READINESS SKILLS.

**Needs Assessment:** No comments made.

1. **Goal:** DEVELOP AND ENHANCE QUALITY EDUCATIONAL/INSTRUCTIONAL PROGRAMS TO IMPROVE PERFORMANCE AND ENABLE STUDENTS TO MEET THEIR PERSONAL, ACADEMIC, AND CAREER GOALS.

1. **Objective:** ALL CORE CURRICULUM AREAS OF STUDENT LEARNING WILL IMPROVE THROUGH THE USE OF EDUCATION TECHNOLOGIES.

**MSIP Standard:** 6.4**SPP Indicators:**

**Progress Measure:****School Year Baseline Progress Target Target Met**

2008 - 2009	50		Yes
2011 - 2012		80	Yes
2014 - 2015		100	N/A

**Comments:** ALL FACULTY AND STUDENTS WILL HAVE ACCESS TO COMPUTERS THROUGH LABS OR CLASSROOM COMPUTERS OR WIRELESS CONNECTIONS.

**1. Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL ESTABLISH AND ENDORSE TECHNOLOGY STANDARDS FOR STUDENTS AND MONITOR PROGRESS ON A REGULAR, ONGOING BASIS.

**MSIP Standard:** 6.4

**Persons Responsible:** SUPERINTENDENT, PRINCIPALS, TEACHERS, TECH COORDINATOR

**Funding Source Name:** REAP - SMALL RURAL SCHOOL ACHIEVEMENT, LOCAL FUNDS

**Date to Implement Strategy:** 07/01/2012

**Date of Completion:** 06/30/2015

**Comments:** THE DISTRICT USES REAP MONEY TO PURCHASE NEW COMPUTERS AND TECHNOLOGY YEARLY.

**1. Action Step:** UPDATE LOCAL WRITTEN STUDENT STANDARDS FOR BILLINGS R-IV SCHOOL DISTRICT.

**Date To Implement Action Step:** 08/01/2012

**Date of Completion:** 08/01/2013

**2. Action Step:** INCORPORATE THE RECOMMENDED STUDENT STANDARDS IN SCHOOL IMPROVEMENT PLANS.

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/30/2015

**3. Action Step:** INSURE THAT BY THE END OF 2ND, 5TH, 8TH, AND 12TH GRADE THE MAJORITY OF STUDENTS WILL MEET THE ADOPTED LOCAL STANDARDS GUIDELINES FOR TECHNOLOGY PROFICIENCY

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/26/2015

**2. Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL PROVIDE EVERY STUDENT WITH OPPORTUNITIES TO UTILIZE TECHNOLOGY FOR LEARNING NEEDS.

**MSIP Standard:** 6.4

**Persons Responsible:** TECH COORDINATOR, LIBRARY MEDIA SPECIALIST, TEACHERS

**Funding Source Name:** LOCAL FUNDS

**Date to Implement Strategy:** 07/01/2012

**Date of Completion:** 06/30/2015

**Comments:** OPPORTUNITIES WILL INCLUDE THE USE OF WIRELESS TABLETS, TOUCHSCREEN DEVICES, PCS WITH HIGH SPEED INTERNET ACCESS, MULTIMEDIA DEVICES, ETC.

**1. Action Step:** PROVIDE BEFORE AND AFTER SCHOOL ACCESS TO TECHNOLOGY.

**Date To Implement Action Step:** 08/15/2012

**Date of Completion:** 05/22/2015

**2. Action Step:** PROVIDE ADDITIONAL COMPUTERS IN EACH CLASSROOM. ALLOW LIMITED USE OF STUDENTS PERSONAL DEVICES THROUGH WIRELESS NETWORK CONNECTION.

**Date To Implement Action Step:** 08/15/2012

**Date of Completion:** 05/22/2015

**3. Action Step:** PROVIDE WIRELESS LEARNING CAPABILITIES THROUGH THE USE OF A MOBILE IPAD CART, WIRELESS TABLETS AND WIRELESS LAPTOPS

**Date To Implement Action Step:** 08/15/2012

**Date of Completion:** 05/22/2015

**2. Goal:** RECRUIT, ATTRACT, DEVELOP, AND RETAIN HIGHLY QUALIFIED STAFF TO CARRY OUT THE LEA (LOCAL EDUCATIONAL AGENCY)/DISTRICT MISSION, GOALS, AND OBJECTIVES.

**1. Objective:** TEACHER PREPARATION AND DELIVERY OF INSTRUCTION WILL BE AIDED BY AND IMPROVE THROUGH THE USE OF EDUCATION TECHNOLOGIES.

**MSIP Standard:** 6.3,6.4,6.7

**SPP Indicators:**

**Progress**

**Measure:**

**School Year Baseline Progress Target Target Met**

2007 - 2008	70		Yes
2011 - 2012		90	Yes
2014 - 2015		100	N/A

**Comments:** BILLINGS SCHOOL WILL CONTINUE TO SEEK OUT AND PROVIDE ACCESS FOR STAFF TO LEARN NEW TECHNOLOGIES AND UTILIZE EXISTING ONES IN THE CLASSROOM

**1. Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL ESTABLISH AND ENDORSE TECHNOLOGY STANDARDS FOR CERTIFIED STAFF AND MONITOR PROGRESS ON A REGULAR ONGOING BASIS.

**MSIP Standard:** 6.4

**Persons Responsible:** SUPERINTENDENT, TECH COORDINATOR, TEACHERS

**Funding Source Name:**

**Date to Implement Strategy:** 07/01/2012

**Date of Completion:** 06/30/2015

**Comments:**

**1. Action Step:** MODIFY AS NEEDED THE DISTRICT'S CURRENT TECHNOLOGY COMPETENCY STANDARDS TO REFLECT THE INCREASING CHANGES IN TECHNOLOGY.

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/30/2015

**2. Action Step:** INCORPORATE TECHNOLOGY COMPETENCY STANDARDS INTO SCHOOL IMPROVEMENT PLAN.

**Date To Implement Action Step:** 08/01/2012

**Date of Completion:** 07/31/2013

**2. Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL PROVIDE PROFESSIONAL DEVELOPMENT OPPORTUNITIES RELATED TO THE INTEGRATION OF TECHNOLOGY INTO INSTRUCTION.

**MSIP Standard:** 6.7

**Persons Responsible:** SUPERINTENDENT, PROFESSIONAL DEVELOPMENT COMMITTEE, TECH COORDINATOR

**Funding Source Name:** LOCAL FUNDS, REAP - SMALL RURAL SCHOOL ACHIEVEMENT, CAREER LADDER

**Date to Implement Strategy:** 07/01/2012

**Date of Completion:** 06/30/2015

**Comments:**

**1. Action Step:** REQUIRE ALL STAFF NEW TO THE DISTRICT TO ATTEND INSTRUCTION(IF NEEDED) IN THE AVAILABILITY AND USE OF DISTRICT TECHNOLOGY RESOURCES.

**Date To Implement Action Step:** 08/01/2012

**Date of Completion:** 10/31/2014

**2. Action Step:** INTEGRATE TECHNOLOGY PROFESSIONAL DEVELOPMENT ACTIVITIES IN INDIVIDUAL PROFESSIONAL DEVELOPMENT PLANS THAT ADDRESS TECHNOLOGY STANDARDS DEFICIENCIES.

**Date To Implement Action Step:** 08/01/2012

**Date of Completion:** 05/29/2015

**3. Action Step:** UPDATE AND CONTINUE TO IMPLEMENT A PLAN TO PROVIDE STAFF NEW TECHNOLOGY TRAINING DURING CONTRACT TIME.

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/30/2015

**4. Action Step:** CONDUCT FACULTY AND STAFF SURVEY TO DETERMINE TECHNOLOGY NEEDS.

**Date To Implement** 08/01/2012  
**Action Step:**

**Date of Completion:** 09/01/2012

3. **Strategy:** TEACHERS WILL ENHANCE INSTRUCTIONAL TEACHING STRATEGIES AND WILL ROUTINELY USE EQUIPMENT, PRINT/VIDEO/DIGITAL CONTENT, MULTIMEDIA, AND NETWORKED APPLICATIONS.

**MSIP Standard:** 6.4

**Persons Responsible:** PRINCIPALS, TEACHERS, TECH COORDINATORS

**Funding Source Name:** REAP - SMALL RURAL SCHOOL ACHIEVEMENT, LOCAL FUNDS

**Date to Implement Strategy:** 07/01/2012

**Date of Completion:** 06/30/2015

**Comments:** ALL ELEMENTARY CLASSROOMS ARE EQUIPPED WITH SMARTBOARDS, CABLE TV, DOCUMENT SCANNERS, VCR/DVD PLAYERS, TO ENHANCE THE TEACHERS USE OF MULTIMEDIA - MOST HIGH SCHOOL ROOMS ARE EQUIPPED WITH SMARTBOARDS, CABLE TV, AND DVD/VCR PLAYER TO ENHANCE THE TEACHERS USE OF MULTIMEDIA

**1. Action Step:** INCLUDE TECHNOLOGY TOOLS IN LESSON PLANS WHERE APPROPRIATE IN ALL CORE CURRICULUM AREAS.

**Date To Implement Action Step:** 08/15/2012

**Date of Completion:** 05/22/2015

**2. Action Step:** USE TECHNOLOGY TO COMMUNICATE GOALS AND EXPECTATIONS TO STUDENTS AND PARENTS.

**Date To Implement Action Step:** 08/01/2012

**Date of Completion:** 05/29/2015

**3. Action Step:** STUDENTS WILL BE EXPOSED TO A VARIETY OF TECHNICAL APPLICATIONS INTEGRATING GRADE LEVEL EXPECTATIONS AND WILL BE EXPOSED TO NEW TECHNOLOGIES AS SOON AS POSSIBLE.

**Date To Implement Action Step:** 08/15/2012

**Date of Completion:** 05/15/2015

3. **Goal:** PROVIDE AND MAINTAIN APPROPRIATE INSTRUCTIONAL RESOURCES, SUPPORT SERVICES, AND FUNCTIONAL AND SAFE FACILITIES.

1. **Objective:** ALL SCHOOL ADMINISTRATORS, TEACHERS, STAFF, AND STUDENTS WILL HAVE EQUITABLE ACCESS TO EDUCATION TECHNOLOGIES THAT PROMOTE STUDENT PERFORMANCE AND ACADEMIC ACHIEVEMENT, AND WILL BE PROVIDED WITH TECHNICAL SUPPORT.

**MSIP Standard:** 6.4,6.8

**SPP Indicators:**

**Progress Measure:**

**School Year Baseline Progress Target Target Met**

2008 - 2009	60		Yes
2011 - 2012		90	Yes
2014 - 2015		100	N/A

**Comments:** BILLINGS SCHOOL DISTRICT CONTINUES TO EVALUATE, PURCHASE, AND SUPPORT HARDWARE AND SOFTWARE TO AID TEACHERS AND STUDENTS IN THE CLASSROOM AND STAFF TO AID IN THE COMPLETION OF THEIR JOBS

1. **Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL PROVIDE EQUITABLE ACCESS TO AN INFRASTRUCTURE WITH CONVERGED TECHNOLOGY.

**MSIP Standard:** 6.4

**Persons Responsible:** TECH COORDINATOR

**Funding Source Name:** REAP - SMALL RURAL SCHOOL ACHIEVEMENT, LOCAL FUNDS

**Date to Implement Strategy:** 07/01/2012

**Date of Completion:** 06/30/2015

**Comments:**

- 1. Action Step:** CONTINUE TO RESEARCH AND IMPLEMENT AFFORDABLE TECHNOLOGIES THAT CONVERGE VOICE, DATA, AND VIDEO.
- Date To Implement Action Step:** 08/01/2012
- Date of Completion:** 05/29/2015
- 2. Action Step:** COORDINATE ALL DISTRICT TECHNOLOGY PURCHASES THAT REQUIRE CONNECTION TO THE LAN OR MULTIMEDIA DISTRIBUTION SYSTEM FOR COMPATIBILITY AND SUPPORT ISSUES.
- Date To Implement Action Step:** 07/01/2012
- Date of Completion:** 06/30/2015
- 3. Action Step:** DEVELOP AND IMPLEMENT A RETENTION POLICY FOR E-MAIL. EVALUATE POSSIBILITY OF PROVIDING E-MAIL ACCOUNTS FOR STUDENTS SO THAT ACCESS TO WEB BASED STUDENT E-MAIL ACCOUNTS WILL BE UNNECESSARY
- Date To Implement Action Step:** 08/01/2012
- Date of Completion:** 07/01/2013
- 2. Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL MAINTAIN THE CAPABILITY TO SUPPORT THE TECHNOLOGIES/INFRASTRUCTURE.
- MSIP Standard:** 6.4
- Persons Responsible:** TECH COORDINATOR
- Funding Source Name:** LOCAL FUNDS
- Date to Implement Strategy:** 07/01/2012
- Date of Completion:** 06/30/2015
- Comments:**
- 1. Action Step:** COMPLY WITH CIPA FILTERING REGULATIONS. CONTINUE TO IMPROVE INTERNET FILTERING TO PROVIDE DIFFERENT LEVELS OF INTERNET ACCESS FOR STAFF AND STUDENTS
- Date To Implement Action Step:** 07/01/2012
- Date of Completion:** 06/30/2015
- 2. Action Step:** MAINTAIN STORAGE APPLIANCES FOR USE IN A DATA BACKUP SYSTEM.
- Date To Implement Action Step:** 07/01/2012
- Date of Completion:** 06/30/2015
- 3. Action Step:** CONTINUE TO IMPROVE MULTI-LAYERED BACKUP PROCEDURE FOR USE IN A DATA BACKUP SYSTEM. EVALUATE OPTIONS (WEB STOGARGE, MOBILE DEVICES, ETC) AND DEVELOP PLANS FOR OFFSITE STORAGE OF BACKUPS OF CRITICAL DATA
- Date To Implement Action Step:** 07/01/2012
- Date of Completion:** 03/18/2013
- 4. Action Step:** ENSURE DATA PROTECTION THROUGH UPDATED FIREWALLS, ANTIVIRUS PROTECTION, ETC. EVALUATE NEW ANTIVIRUS PROTECTION. EVALUATE NEW METHODS OF PROTECTION FOR WIRELESS NETWORK.
- Date To Implement Action Step:** 07/01/2012
- Date of Completion:** 06/30/2015
- 3. Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL MAINTAIN HIGH SPEED DATA CONNECT CONNECTIONS FOR ALL SCHOOL BUILDINGS, AND INSTRUCTIONAL CLASSROOMS TO THE DISTRICT LAN/WAN AND THE INTERNET.
- MSIP Standard:** 6.4
- Persons Responsible:** TECH COORDINATOR

**Funding Source Name:** LOCAL FUNDS

**Date to Implement Strategy:** 07/01/2012

**Date of Completion:** 06/30/2015

**Comments:**

**1. Action Step:** EVALUATE NEW WAYS TO USE WIRELESS NETWORK WHICH IS AVAILABLE THROUGHOUT THE DISTRICT AND SEEK TO IMPROVE WIRELESS COVERAGE WHERE SIGNAL STRENGTH IS WEAK (ELEMENTARY END BY PRESCHOOL AND KINDERGARTEN ROOMS.

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/30/2013

**2. Action Step:** ENSURE MULTIPLE NETWORK ACCESS POINTS TO ALL CLASSROOMS AND ADMINISTRATIVE OFFICES IN CASE OF LOSS OF NETWORK AVAILABILITY (WIRE CUTS, BAD SWITCHES, ETC.)

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 08/24/2012

**3. Action Step:** RESERVE AND USE ONE-THIRD OF THE ANNUAL TECHNOLOGY BUDGET FOR COMPUTER REPLACEMENT. REPLACEMENTS WILL CONSIST OF DEKSTOP PC'S AS WELL AS WIRELESS LAPTOPS AND TABLETS.

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/30/2015

**4. Action Step:** COMPLETE THE ACQUISITION OF INTERACTIVE BOARD SYSTEMS IN CLASSROOMS THAT ARE NOT CURRENTLY EQUIPPED WITH THEM.

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 07/01/2013

**4. Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL PROVIDE DEDICATED PERSONNEL TO SUPPORT EDUCATION TECHNOLOGY USE.

**MSIP Standard:** 8.4

**Persons Responsible:** SUPERINTENDENT

**Funding Source Name:** LOCAL FUNDS

**Date to Implement Strategy:** 07/01/2012

**Date of Completion:** 06/30/2015

**Comments:**

**1. Action Step:** MAINTAIN THE TECH COORDINATOR POSITION AT 1.0 FTE.

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/30/2015

**2. Action Step:** PROVIDE FOR ADDITIONAL TRAINING/INSTRUCTION OF SUPPORT STAFF AS BUDGET ALLOWS.

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/30/2015

**5. Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL PROVIDE BUILDINGS WITH ADEQUATE SUPPORT.

**MSIP Standard:** 6.4

**Persons Responsible:** TECH COORDINATOR

**Funding Source Name:** LOCAL FUNDS

**Date to Implement Strategy:** 07/01/2012

**Date of Completion:** 06/30/2015

**Comments:** ALL FACILITIES WILL BE PROVIDED WITH TIMELY AND ADEQUATE SUPPORT FOR HARDWARE, SOFTWARE, AND MISCELLANEOUS TECHNOLOGY ISSUES.

**1. Action Step:** USE TRAINED HIGH SCHOOL STUDENTS AS TECH SUPPORT FOR BASIC HARDWARE AND SOFTWARE ISSUES.

**Date To Implement Action Step:** 08/15/2012

**Date of Completion:** 05/15/2015

**2. Action Step:** RECRUIT AND TRAIN ADDITIONAL HIGH SCHOOL STUDENTS FOR BASIC TECH SUPPORT.

**Date To Implement Action Step:** 08/15/2012

**Date of Completion:** 05/15/2015

**3. Action Step:** RECRUIT AND TRAIN FACULTY AND STAFF MEMBERS WHO ARE INTERESTED IN LEARNING BASIC HARDWARE AND SOFTWARE TROUBLESHOOTING METHODS FOR BASIC TECH SUPPORT AMONG PEERS.

**Date To Implement Action Step:** 08/01/2012

**Date of Completion:** 06/30/2015

4. **Goal:** PROMOTE, FACILITATE, AND ENHANCE PARENT, STUDENT, AND COMMUNITY INVOLVEMENT IN LEA/DISTRICT EDUCATIONAL PROGRAMS.

**1. Objective:** ALL SCHOOL ADMINISTRATORS, STAFF, AND TEACHERS WILL UTILIZE TECHNOLOGY TO SHARE NECESSARY INFORMATION WITH PARENTS AND COMMUNITY MEMBERS.

**MSIP Standard:** 7.5,7.6,8.8

**SPP Indicators:**

**Progress Measure:**

**School Year Baseline Progress Target Target Met**

2008 - 2009	40		Yes
2011 - 2012		90	Yes
2014 - 2015		100	N/A

**Comments:** THE DISTRICT CONTINUES TO IMPROVE THE USE OF TECHNOLOGY TO COMMUNICATE WITH PARENTS, PATRON, AND THE COMMUNITY, VIA THE SCHOOL'S WEBSITE, PARENT PORTAL, AND OTHER MEANS.

**1. Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL COMMUNICATE WITH AND INFORM PARENTS, COMMUNITY MEMBERS, AND OTHERS ABOUT KEY EDUCATION TECHNOLOGY ISSUES CONFRONTING POLICYMAKERS, ADMINISTRATORS, AND EDUCATORS.

**MSIP Standard:** 7.5

**Persons Responsible:** SUPERINTENDENT, PRINCIPALS, TEACHERS

**Funding Source Name:** REAP - SMALL RURAL SCHOOL ACHIEVEMENT, LOCAL FUNDS

**Date to Implement Strategy:** 07/01/2012

**Date of Completion:** 06/30/2015

**Comments:**

**1. Action Step:** PROVIDE THE NECESSARY SECURITY, PROFESSIONAL DEVELOPMENT, TECHNOLOGY RESOURCES, AND SUPPORT TO MAKE COMMUNICATION OF GRADES, ATTENDANCE, SCHEDULES, AND HOMEWORK AVAILABLE TO PARENTS.

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/30/2015

**2. Action Step:** MAINTAIN TEACHER AND CLASSROOM WEB PAGES ON BILLINGS SCHOOL WEBSITE CONTAINING CONTENT RELEVANT TO RESPECTIVE CLASSES AND/OR CURRICULUM.

**Date To Implement Action Step:** 08/01/2012

**Date of Completion:** 05/29/2015

**3. Action Step:** MAINTAIN DISTRICT CONTACT INFORMATION ON THE SCHOOL WEBSITE INCLUDING ALL STAFF, FACULTY, AND BOARD MEMBERS' E-MAIL ADDRESSES.

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/30/2015

**4. Action Step:** PERIODICALLY SURVEY STAFF, FACULTY, AND COMMUNITY CONCERNING CONTENT OF THE SCHOOL WEBSITE AND MAKE REASONABLE ADJUSTMENTS TO THE WEBSITE ACCORDINGLY.

**Date To Implement Action Step:** 08/01/2012

**Date of Completion:** 05/01/2015

**5. Action Step:** POST ON THE SCHOOL WEBSITE AND UPDATE REGULARLY CALENDARS OF DISTRICT AND BUILDING LEVEL ACTIVITIES.

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/30/2015

**6. Action Step:** INSURE CORRECT SETUP OF NEW OF PARENT ACCESS PORTAL IN SISK12 TO ALLOW PARENT ACCESS TO CHILD'S GRADES, ATTENDANCE, AND OTHER RECORDS AVAILABLE ON SIS.

**Date To Implement Action Step:** 08/01/2012

**Date of Completion:** 09/14/2012

**7. Action Step:** INVESTIGATE AND DEVELOP METHODS FOR ONLINE INTERACTION BETWEEN ADMINISTRATION, TEACHERS, AND PARENTS (BLOGGING, ETC.)

**Date To Implement Action Step:** 07/01/2012

**Date of Completion:** 06/30/2015

**5. Goal:** GOVERN THE LEA/DISTRICT IN AN EFFICIENT AND EFFECTIVE MANNER PROVIDING LEADERSHIP AND REPRESENTATION TO BENEFIT THE STUDENTS, STAFF, AND PATRONS OF THE DISTRICT.

**1. Objective:** THE TEACHING AND LEARNING PROCESS WILL BE ENHANCED THROUGH THE USE OF TECHNOLOGY FOR ADMINISTRATION, MANAGEMENT, AND COMMUNICATIONS.

**MSIP Standard:** 6.4

**SPP Indicators:**

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	60			Yes
2011 - 2012		75		Yes
2014 - 2015			100	N/A

**Comments:** STAFF AND MANAGEMENT WILL UTILZE TECHNOLOGY TO BE MORE EFFICIENT

**1. Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL MAINTAIN A THREE YEAR TECHNOLOGY PLANNING PROCESS.

**MSIP Standard:** 6.4

**Persons Responsible:** SUPERINTENDENT, TECH COORDINATOR, TECHNOLOGY ADVISORY COMMITTEE

**Funding Source Name:** LOCAL FUNDS

**Date to Implement Strategy:** 07/01/2012

**Date of Completion:** 06/30/2015

**Comments:** THIS PROCESS WILL INCLUDE THE COMPLETION OF A TECHNOLOGY PLAN THAT WILL MEET THE GUIDELINES OF THE MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION

**1. Action Step:** REVIEW THE PROGRESS TOWARDS THE COMPLETION OF THE DISTRICT TECHNOLOGY PLAN THROUGH A TECHNOLOGY ADVISORY COMMITTEE COMPRISED OF A BROAD MEMBERSHIP OF TECHNOLOGY STAKEHOLDERS MEETING ON AN AS NEEDED BASIS.

**Date To Implement Action Step:** 08/01/2014

**Date of Completion:** 01/05/2015

**2. Action Step:** ALIGN ANNUAL TECHNOLOGY BUDGETING, PERSONNEL, AND RESOURCE PLANNING WITH THE DISTRICT TECHNOLOGY PLAN.

**Date To Implement Action Step:** 07/01/2012



- Date of Completion:** 06/30/2015
- 3. Action Step:** DEVELOP PERIODIC REPORTS TO ADMINISTRATION AND THE BOARD OF EDUCATION CONCERNING PROGRESS ON THE TECHNOLOGY PLAN.
- Date To Implement Action Step:** 07/01/2012
- Date of Completion:** 06/30/2015
- 4. Action Step:** SEEK OUT AND INCREASE LOCAL FUNDING SOURCES FOR THE TECHNOLOGY BUDGET.
- Date To Implement Action Step:** 07/01/2012
- Date of Completion:** 06/30/2015
- 5. Action Step:** PARTICIPATE IN THE E-RATE PROGRAM AND EARMARK THE DISCOUNTS (SAVINGS) OR TECHNOLOGY RELATED ACTIVITIES.
- Date To Implement Action Step:** 07/01/2012
- Date of Completion:** 06/30/2015
- 2. Strategy:** THE BILLINGS R-IV SCHOOL DISTRICT WILL ENHANCE ADMINISTRATIVE AND MANAGEMENT PROCESSES THROUGH THE USE OF TECHNOLOGY.
- MSIP Standard:** 6.4
- Persons Responsible:** TECH COORDINATOR, SUPERINTENDENT, PRINCIPALS
- Funding Source Name:** LOCAL FUNDS
- Date to Implement Strategy:** 07/01/2012
- Date of Completion:** 06/30/2015
- Comments:**
- 1. Action Step:** MONITOR MANAGEMENT OF USER NETWORK ACCOUNTS AND ACCEPTABLE USE AGREEMENTS. CREATE AND MAINTAIN A NEW DISTRICT AUP FOR THE SCHOOL'S WIRELESS NETWORK (TO INCLUDE THE USE OF PERSONNEL DEVICES).
- Date To Implement Action Step:** 07/01/2012
- Date of Completion:** 06/30/2015
- 2. Action Step:** MAINTAIN A BACKUP SYSTEM FOR ALL DISTRICT DATA WITH SAFEGUARDS FOR PRIVACY AND IN CASE OF ACCIDENTAL DATA LOSS.
- Date To Implement Action Step:** 07/01/2012
- Date of Completion:** 06/30/2015

**Additional Elements:**

The No Child Left Behind Act (NCLB) states that districts must have long-range education technology plans to apply for program funds and that the plan address specific evaluation requirements. a Describe the process and accountability measures the district will use to evaluate the extent to which activities funded by an NCLB program are effective in integrating technology into curricula and instruction, increasing the ability of teachers to teach, and enabling students to reach challenging State academic standards. EACH YEAR THE TECHNOLOGY DIRECTOR WILL DISTRIBUTE SURVEYS TO STUDENTS AND FACULTY TO ASSESS THE STATUS OF TECHNOLOGY INTEGRATION IN THE DISTRICT. THESE SURVEYS WILL BE DEVELOPED IN CONJUNCTION WITH THE DISTRICT ADMINISTRATORS. THE TECHNOLOGY DIRECTOR WILL THEN MAKE RECOMMENDATIONS TO THE ADMINISTRATION TO IMPROVE STUDENT ACHIEVEMENT AND TECHNOLOGY INTEGRATION.



The Universal Service Fund E-rate Program states that district long-range plans must address five essential elements. The district provides assurances to DESE that the technology plan contains the following:

Clear goals and realistic strategies for using telecommunications and information technology to improve education services;  
 Professional development strategies to ensure that staff know to use these new technologies to improve education services;  
 Sufficient budget to acquire and support the non-discounted elements of the plan:  
 the hardware, software, professional development and other services that will be needed to implement the strategy; and  
 Evaluation process that enables the school to monitor progress toward the specified goals and make mid-course corrections in response to new developments and opportunities as they arise.