

Run Date: 04-02-2009
Run Time: 09:52:40
Submitted Date: 2 April 2009

**MO DEPT ELEMENTARY AND
 SECONDARY EDUCATION
 EPEGS**

Education Technology Plan 2009-2012
SCHOOL YEAR: 2008 - 2009
DISTRICT: 097-129 MARSHALL

Board Approved: 21 February 2009
DESE Approved: 27 May 2009

Mission Statement: The mission of the Marshall Public School District is to prepare, assist and graduate self-motivated, industrious, and critically thinking individuals who demonstrate life-long learning and are committed to serving others in a global society.

Local Needs: Provide personnel for ongoing technology training district wide through in-service, workshops, and individual tutoring to allow continuing implementation of technology into the curriculum; Provide for maintenance, upgrade and recovery of the network backbone in case of disaster; Rotate computers to keep up-to-date machines as needed by classroom, software, network, and administrative demands; Provide community members and parents with improved access to student and district information; Monitor network performance and security.

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:** Increase implementation of technology into the curriculum.

MSIP Standard:6.1,6.2,6.3,7.1,7.2,7.3,8.2

Progress Measure :

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	50		60	N/A
2010 - 2011			70	N/A
2011 - 2012			80	N/A

Comments :

1. **Strategy:** All students engage in rigorous instruction driven by technology enriched curriculum that meet students' needs. Assessed needs results in high levels of academic achievement and performance, and fosters life long learning.

MSIP Standard: 6.1,6.2,6.3,7.1,7.2,7.3,8.2

Persons Responsible: Teachers, Curriculum committees

Funding Source Name: Title I - School Improvement (g), Title I, Local Funds, TITLE II.A, Title II D eMints, Basic Formula - State Monies, TITLE III, TITLE II.D, TITLE IV.A, Perkins Basic Grant - Secondary, Title I School Improvement (a), TITLE V, Title I Migrant Education, TITLE VI.B

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Curriculum guides will include technology skills and enriched technology lessons at all grade levels.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Students will take the required tests at the corresponding grade levels to meet district and state standards.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

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:** Provide personnel for ongoing technology training district wide through in-service, workshops, and individual tutoring.

MSIP Standard:6.3,6.4,6.7,6.8,8.2

Progress Measure :

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	60		70	N/A
2010 - 2011			80	N/A
2011 - 2012			90	N/A

Comments :

1. **Strategy:** Teachers will use up to date technology tools and resources to support curriculum objectives; tools and resources are readily available for teacher and student use; and training in the use of the tools and resources is provided.

MSIP Standard: 6.3,6.4,6.7,6.8,8.2

Persons Responsible: Administration, Technology Dept

Funding Source Name: Perkins Basic Grant - Secondary, Title I, Local Funds, TITLE II.A, Title II D eMints, Basic Formula - State Monies, TITLE III, TITLE II.D, TITLE IV.A, Title I School Improvement (a), TITLE V, Title I Migrant Education, TITLE VI.B

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Identify and obtain qualified trainers, preferably a dedicated ETS to lead training sessions and provide individual training.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Provide time and/or compensation for faculty and staff to attend training.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

3. **Goal:** Provide and maintain appropriate instructional resources, support services, and functional and safe facilities.

1. **Objective:** Provide for maintenance, upgrade and recovery of the network backbone in case of disaster.

MSIP Standard:6.4,6.7,7.1,7.2,7.3,7.4,7.6,8.1,8.2,8.5,8.6,8.8

Progress Measure :

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	60		100	N/A
2010 - 2011			100	N/A
2011 - 2012			100	N/A

Comments :

1. **Strategy:** MPS will establish/maintain a sufficient and consistent budget based on a set percentage on the overall district budget to cover the total cost of ownership in district technology.

MSIP Standard: 6.4,6.7,7.1,7.2,7.3,7.4,7.6,8.1,8.2,8.5,8.6,8.8

Persons Responsible: Superintendent; technology committee

Funding Source Name: Title I - School Improvement (g), Title I, Title I Migrant Education, TITLE II.A, Title II D eMints, Perkins Basic Grant - Secondary, TITLE III, TITLE II.D, TITLE IV.A, Title I School Improvement (a), TITLE V, TITLE VI.B

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Develop and implement plan for network backbone maintenance and upgrade.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Upgrade wireless access points for increased wireless accessibility

for staff and students.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Strategy:** MPS will establish/ update technology policies and procedures related to technology hardware, software, connectivity, and technical support standards including software updates, hardware upgrades and maintenance and offsite alternative connectivity.

MSIP Standard: 6.4,6.7,7.1,7.2,7.3,7.4,7.5,7.6,8.1,8.2,8.3,8.6,8

Persons Responsible: Superintendent, Technology Committee

Funding Source Name: Title I - School Improvement (g), Title I, Local Funds, TITLE II.A, Title II D eMints, Basic Formula - State Monies, TITLE III, TITLE II.D, TITLE IV.A, Perkins Basic Grant - Secondary, Title I School Improvement (a), TITLE V, Title I Migrant Education, TITLE VI.B

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Establish a plan to upgrade network backbone software and hardware.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Establish plan to implement offsite disaster recovery and alternate connectivity.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Objective:** Rotate computers to keep up-to-date machines as needed by classroom, software, network, and administrative demands.

MSIP Standard:6.4,6.7,7.1,7.2,7.3,7.4,8.1,8.2,8.3,8.5,8.6

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	65		100	N/A
2010 - 2011			100	N/A
2011 - 2012			100	N/A

Comments :

1. **Strategy:** Sufficient budget to allow updating administrative, certified, classified and computer labs to keep up with changes in technology.

MSIP Standard: 6.4,6.7,7.1,7.2,7.3,7.4,8.1,8.2,8.3,8.5,8.6

Persons Responsible: Superintendent, Technology committee; technology department

Funding Source Name: Title I - School Improvement (g), Title I, Local Funds, TITLE II.A, Title II D eMints, Basic Formula - State Monies, TITLE III, TITLE II.D, TITLE IV.A, Perkins Basic Grant - Secondary, Title I School Improvement (a), TITLE V, Title I Migrant

Education, TITLE VI.B

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Identify and replace oldest units in use by administration, certified, classified and computer labs with new units to keep up with ever changing technology.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Refurbish and redeploy any useable units into areas of lower demand.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

4. **Goal:** Promote, facilitate, and enhance parent, student, and community involvement in LEA/District educational programs.

1. **Objective:** Provide community members and parents with improved access to student and district information.

MSIP Standard:7.5,7.6,8.2,8.9

Progress Measure :

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	70		80	N/A
2010 - 2011			90	N/A
2011 - 2012			100	N/A

Comments :

1. **Strategy :** MPS will make information available for students, parents, and community through current technology

MSIP Standard: 7.5,7.6,8.2,8.9

Persons Responsible: Administrator, Web master

Funding Source Name:

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** District website for access to: SIS, Building websites, library resources, calendar

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Text cast with current message alerts.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

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:** Monitor network performance.

MSIP Standard:6.3,6.4,6.7,8.1,8.2,8.3,8.4,8.5,8.6,8.7

Progress Measure :

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	25		100	N/A
2010 - 2011			100	N/A
2011 - 2012			100	N/A

Comments :

1. **Strategy:** MPS will employ/designate technology leadership position to oversee and coordinate efforts of a representative committee which meets on a regular basis and helps oversee the MPS technology implementation, planning and evaluation efforts.

MSIP Standard: 6.3,6.4,6.7,8.1,8.10,8.2,8.3,8.4,8.5,8.6,8.7

Persons Responsible: Superintendent, technology committee

Funding Source Name: Title I - School Improvement (g), Title I, Local Funds, TITLE II.A, Basic Formula - Classroom Trust Fund, Perkins Basic Grant - Secondary, TITLE III, Title II D eMints, TITLE IV.A, TITLE II.D, Title I School Improvement (a), TITLE V, Title I Migrant Education, TITLE VI.B

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Hire full time qualified Network Administrator with necessary certifications or experience.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** District technology committee will meet monthly.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Strategy:** MPS will establish/maintain a sufficient and consistent budget based on a set percentage on the overall district budget to cover the total cost of ownership in district technology.

MSIP Standard: 6.3,6.4,6.7,8.1,8.2,8.3,8.5,8.6,8.7

Persons Responsible: Superintendent, Technology Department, Technology committee

Funding Source Name:

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Evaluate the total cost of maintaining and upgrading network.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

2. **Action Step:** Hire full time qualified Network Administrator w/ necessary certifications or experience.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

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. 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.

Goal 1 Student Performance: Objective will be evaluated based on curriculum guides, staff surveys on technology use, census of technology, grade level and content common assessment scores. Goal 2 Highly Qualified Staff: Objective will be evaluated based on technology use surveys, census of technology, in-service records, and the hiring of an ETS. Goal 3 Facilities, Support, and Instructional Resources: Objectives evaluation will be determined by the existence of the planned network backbone maintenance, upgrades, and offsite disaster recovery, and the number of upgraded wireless access points and computer replacement rate. This would also be evaluated through the census of technology and the MPS budget. Goal 4 Parent and community involvement: Objective will be evaluated by the availability of information on district website monitoring rate of update and number of test cast message alerts. Goal 5 Governance: Objectives will be evaluated based on district technology committee meeting minutes, district budget and the hiring of a network administrator.



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;
- Assessment of the telecommunication services, hardware, software, and other services that

will be needed 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.
