

**Education Technology Plan
2012-2015**

**SCHOOL YEAR: 2012 - 2013
DISTRICT: 097-129 MARSHALL**

**Board Approved: 20 March 2012
Update approved: 20 March 2012
DESE Approved: 13 June 2012**

Mission Statement: The mission of Marshall Public Schools is to educate and empower every student, every chance, every day.

Local Needs: Marshall Public Schools are currently in Level 3 School Improvement Continuing. The District will offer Supplemental Educational Services to the students who qualify in each School-wide Title I building if it continues to be a requirement of NCLB. Based on the review of local performance data, the CSIP Steering committee identified the following needs: 1. Student achievement results are not showing the steady progress needed to meet performance targets. The district needs to focus on steady growth each year. 2. The district needs to do a better job of ensuring all entering freshmen graduate with their cohort group in four years. 3. More of our students graduating from MHS should be obtaining employment, enter the military or pursue some type of post-secondary education or training. 4. Our educators need access to and completion of more high-quality, sustained professional development. 5. Technology needs to be integrated more fully into the curriculum. 6. Parent contact is important, but needs to be increased throughout the district. 7. The district needs to focus improvement efforts on meeting the expectations of the Annual Performance Report.

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

SPP Indicators:

Progress Measure:

	School Year	Baseline	Progress	Target	Target Met
	2009 - 2010	28	35	60	N/A
	2010 - 2011	35	44	70	N/A
	2011 - 2012	44	50	80	N/A
	2012 - 2013	50		60	N/A
	2013 - 2014			70	N/A
	2014 - 2015			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: Perkins Basic Grant - Secondary, Title I, TITLE IV.A, Local Funds, Basic Formula - State Monies, TITLE V, Title I School Improvement (a)

Date to Implement Strategy: 07/01/2012

Date of Completion: 06/30/2015

Comments:

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: 06/30/2015

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: 06/30/2015

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:** 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

SPP Indicators:

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	0	33	70	N/A
2010 - 2011	33	29	80	N/A
2011 - 2012	29	34	90	N/A
2012 - 2013	0		50	N/A
2013 - 2014			75	N/A
2014 - 2015			100	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

Persons Responsible: Administration, Technology Dept

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

Date to Implement Strategy: 07/01/2012

Date of Completion: 06/30/2015

Comments:

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: 06/30/2015

3. Action Step: Training sessions will be offered alternating weeks in different

buildings in the district.

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

Date of Completion: 06/30/2015

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

SPP Indicators:

**Progress
Measure:**

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	0	50	100	N/A
2010 - 2011	50	75	100	N/A
2011 - 2012	75	80	100	N/A
2012 - 2013	50		100	N/A
2013 - 2014			100	N/A
2014 - 2015			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: Perkins Basic Grant - Secondary, Title I, TITLE IV.A, Local Funds, Basic Formula - State Monies, TITLE V, Title I School Improvement (a)

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2012

Comments:

1. **Action Step:** Maintain planned upgrades to network backbone maintenance and hardware.

Date To Implement Action Step: 07/01/2012

Date of Completion: 06/30/2015

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

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

Date To Implement Action Step: 07/01/2012

Date of Completion: 06/30/2015

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

SPP Indicators:

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	0	50	100	N/A
2010 - 2011	50	75	100	N/A
2011 - 2012	75	85	100	N/A
2012 - 2013	0		100	N/A
2013 - 2014			100	N/A
2014 - 2015			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: Perkins Basic Grant - Secondary, Title I, TITLE IV.A, Local Funds, Basic Formula - State Monies, TITLE V, Title I School Improvement (a)

Date to Implement Strategy: 07/01/2012

Date of Completion: 06/30/2015

Comments:

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: 07/01/2012

Date of Completion: 06/30/2015

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

Date To Implement Action Step: 07/01/2012

Date of Completion: 06/30/2015

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

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

MSIP Standard: 7.5,7.6,8.2,8.9

SPP Indicators:

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	70	80	80	Yes
2010 - 2011	80	90	90	Yes
2011 - 2012	90	100	100	Yes
2012 - 2013	100		100	N/A
2013 - 2014			100	N/A
2014 - 2015			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: 07/01/2012
Date of Completion: 06/30/2015

Comments:

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

Date To Implement Action Step: 07/01/2012

Date of Completion: 06/30/2015

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

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:** 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

SPP Indicators:

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	25	50	100	N/A
2010 - 2011	50	75	100	N/A
2011 - 2012	75	90	100	N/A
2012 - 2013	75		100	N/A
2013 - 2014			100	N/A
2014 - 2015			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: Perkins Basic Grant - Secondary, Title I, TITLE IV.A, Local Funds, Basic Formula - State Monies, TITLE V, Title I School Improvement (a)

Date to Implement Strategy: 07/01/2012

Date of Completion: 06/30/2015

Comments:

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: 06/30/2015

3. Action Step: Maintain full time qualified Network Administrator w/ necessary certifications or experience

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

Date of Completion: 06/30/2015

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: Local Funds, Title I

Date to Implement Strategy: 07/01/2012

Date of Completion: 06/30/2015

Comments:

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

Date To Implement Action Step: 07/01/2012

Date of Completion: 06/30/2015

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;
- 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.