



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

District Technology Plan Review – 2009 Approval Cover Sheet

Process for requesting state approval of district long-range education technology plans:
 Complete the information below and attach it as a cover sheet to the district technology plan. One printed copy of the ePeGs-submitted plan (with attached cover sheet) is due to the Department of Elementary and Secondary Education by April 15, 2009. Submitted plans should be addressed to the Instructional Technology Section. Plans must be postmarked by April 15 or delivered to Instructional Technology by 4:00 p.m. (CT), April 15. Delivery note: Instructional Technology is located on 8th floor of the Jefferson State Office Building, 205 Jefferson Street, Jefferson City.

Bind plans with staples or binder clips (no plastic covers or bindings). Do not attach appendices (e.g., inventory, survey findings, etc.) or other enclosures that add unnecessary volume to the document.

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

REQUEST FOR TECHNOLOGY PLAN REVIEW – to be completed by district

District Name: St. Louis Public Schools County-District Code: 115 . 115
 Contact Person: Terry Laster/J. F. Larry Position: CIO/Executive Director
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 Local board approval date: / / 2009
 Scheduled for June 11, 2009

APPROVAL INFORMATION – to be completed by Department

Reader number: _____ Date reviewed: / / 2009
 Date approved: / / 2009 Date letter mailed to district: / / 2009

INSTRUCTIONAL TECHNOLOGY * PO BOX 480 * JEFFERSON CITY, MISSOURI
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MO DEPT ELEMENTARY AND SECONDARY EDUCATION

EPEGS

Education Technology Plan

SCHOOL YEAR: 2008 - 2009

DISTRICT: 115-115 ST. LOUIS CITY

District Vision Statement

St. Louis Public Schools is the district of choice for families in the St. Louis region that provides a world-class education and is nationally recognized as a leader in student achievement and teacher quality.

Mission Statement:

District Mission Statement

We will provide a quality education for all students and enable them to realize their full intellectual potential.

These findings are based on the needs assessment administered to teachers in identified NCLB School Improvement buildings, review of longitudinal data and the preliminary MSIP report.

Local Needs:

- Teachers were not well trained in the implementation of the curriculum.
- There is a low level of rigor in instruction and assessment
- Schools did not practice distributed leadership
- There is a lack of alignment between student needs and programs that were offered
- Professional development was not specifically aligned to the analysis of student achievement data and teacher needs

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:** Ensure that all SLPS students perform at or above grade level in reading and math by the end of the 2013 -2014 school year.

MSIP Standard: 6.2,6.4

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	50%			N/A
2010 - 2011		65%		N/A
2011 - 2012		75%		N/A

Comments:

1. **Strategy:** Review and Identify effective instruction and curriculum and disseminate those teaching practices and or curriculum.

MSIP Standard: 6.2,6.4

Persons Responsible: CAO, Ed Officers, Supt Principals, Teachers, Curriculum & Instruction

Funding Source Name: Local Funds, Basic Formula - State Monies

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/20/2012

2. **Objective:** The district will utilize technology to support student literacy development.

MSIP Standard: 6.2,6.4

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	70%			N/A
2010 - 2011		85%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** Design/Implement/evaluate plan to assess K-12 students use of technology

MSIP Standard: 6.2,6.4

Persons Responsible: Tech Services

Funding Source Name: Local Funds

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Development of technology literacy standards aligned to core curriculum content and state/national technology standards

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Research and develop a plan to evaluate new instructional software for improving reading, technology literacy and increasing academic achievement

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Research and write grants to include new technology that will affect student achievement-MAP reading comprehension and writing areas

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** Ensure that current versions of instructional software are maintained throughout the District

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

5. **Action Step:** Special needs students are provided assistive technology

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

6. **Action Step:** Students demonstrate proficiency in basic productivity tools to their learning of curriculum concepts by 8th grade

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

3. **Objective:** District students identified as "high risk" of school failure will received additional and effective instructional interventions designed to meet their individually assessed needs.

MSIP Standard: 6.4

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	75%			N/A
2010 - 2011		86%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** Identify and make operational a District-wide academic intervention model and ensure that all staff utilizes it

MSIP Standard: 6.4

Persons Responsible: Curriculum and Instruction, CAO, Principals

Funding Source Name: Local Funds

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Provide extended learning time, summer school and 'flexible grouping' tutorial instruction for students who demonstrate gaps in critical skill areas

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

2.**Action Step:** Direct resources necessary to provide one-to-one tutorial assistance to students experiencing difficulties in reading and math

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

3.**Action Step:** Outline specific steps that facilitate successful transitions ensuring that every student is successful either moving to the next grade or new school

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

4.**Action Step:** Implement research based 'best practices', programs, and procedures designed to support instructional interventions and train teachers in their use

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

5.**Action Step:** Provide instructional resources and equipment that support curriculum objectives and train staff in their use

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

6.**Action Step:** Develop predictable and routine monitoring systems with planned interventions for students illustrating indicators that they are falling behind

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

7.**Action Step:** Keep schools open for extended hours/ network with community agencies that provide educational enrichment services to students

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

8.**Action Step:** Develop and initiate on-site professional development to address interventions

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

4. **Objective:** To provide SLPS graduates with an education that prepares them for post-secondary education or the workforce

MSIP Standard: 6.4

Progress Measure:

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

Comments:

1. **Strategy:** Provide strategies to increase exposure to career and technical programs

MSIP Standard: 6.4

Persons Responsible: Career and Technical Office, Ed Off

Funding Source Name: Local Funds

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Provide students with 'real life' internships

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

2.**Action Step:** Train school counselors to promote Career and Technical education

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

3.**Action Step:** Identify the resources to train teachers to teach ACT Prep courses

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** Start college awareness activities with elementary students

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

5. **Action Step:** Provide opportunities for students to visit post-secondary institutions

Date To Implement Action Step: 08/01/2009

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:** To provide ongoing technology-focused professional development opportunities at the district level through a tracking system correlated to the ACOT (Apple Classrooms of Tomorrow) Technology Integration Strategies for Teachers. Each staff member is required to attain a certain number of PDUs per year.

MSIP Standard: 6.3,6.4

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	50%			N/A
2010 - 2011		75%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** Professional Development offerings are categorized into various tiers.

MSIP Standard: 6.3,6.4

Persons Responsible: PD, Tech Services

Funding Source Name: Local Funds, TITLE II.D

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Professional Development offerings are categorized into Tier 2 - Adaptation Level/District Credit/Extra Service Pay - Teachers realize the potential of technology to enhance productivity.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Professional Development offerings are categorized into Tier 3 - Appropriation Level/District Credit/Extra Service Pay - teachers get excited about using technology.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Professional Development offerings are categorized into Tier 4 - Innovation/Invention Level ? teachers reconsider their lesson design - focusing on additional benefits of technology

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** Professional Development offerings are categorized into Tier 1- Entry-Adoption Level/District Credit/Extra Service Pay Teachers exhibit little technology use.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

2. **Objective:** The district will provide a wide array of modes of delivery of technology-focused professional development opportunities at the district level.

MSIP Standard: 6.4,6.7

Progress Measure:

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

Comments:

1. **Strategy:** Teachers will have access to various types of training

MSIP Standard: 6.4,6.7

Persons Responsible: PD, Tech Services, CAO

Funding Source Name: TITLE II.D

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Teachers will have access to Computer-based Tech training

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Online training modules will be available

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Peer Coaching will be implemented at the building level

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** Project-based training will be available to teachers

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

5. **Action Step:** Independent Study Modules will be available to teachers.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

6. **Action Step:** Teachers will have access to face to face Technology training

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

3. **Objective:** To provide a wide variety of technology-focused course offerings based upon the National Technology Standards for Teachers (ISTE).

MSIP Standard: 6.4,6.7

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	20%			N/A
2010 - 2011		50%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** To provide a variety of course offerings

MSIP Standard: 6.4,6.7

Persons Responsible: Tech Services, CAO, PD, Teachers

Funding Source Name: TITLE II.D

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Teachers plan, design and evaluate authentic learning experiences and assessments incorporating digital tools and resources.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Teachers exhibit knowledge, skills and work processes representative of an innovative professional in a global and digital society.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Teachers understand local and global societal issues and responsibilities in an evolving digital culture and exhibit legal and ethical behavior in their professional practices.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** Teachers continuously improve their professional practice, model lifelong learning, and exhibit leadership in their school and professional community by promoting and demonstrating the effective use of digital tools and resources.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

5. **Action Step:** Teachers use their knowledge of subject matter to facilitate experiences that advance student learning, creativity and innovation.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

4. **Objective:** To provide ongoing technology focused professional development opportunities at the school level through collaborative activities.

MSIP Standard: 6.4,6.7

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	25%			N/A
2010 - 2011		50%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** To provide professional development opportunities at the school level

MSIP Standard: 6.4,6.7

Persons Responsible: Curriculum Coaches, Tech liaisons

Funding Source Name:

Date to Implement Strategy: 09/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Common planning period for team/grade level teachers to discuss technology use.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Mentoring and/or being mentored by another teacher in a formal relationship regarding technology use.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Individual or collaborative research

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** Networking with teachers outside of the school and in other local districts.

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

5. **Action Step:** Weekly, bi-weekly mini training sessions where teachers share successful technology integration.

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

5. **Objective:** To provide teachers with consistent access to technology tools in the classroom.

MSIP Standard: 6.4

Progress Measure:

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

Comments:

1. **Strategy:** Provide teachers with consistent access to technology tools to facilitate a comfort level and to enable teachers to effectively integrate technologies into the classroom.

MSIP Standard: 6.4

Persons Responsible: Tech Services

Funding Source Name:

Date to Implement Strategy: 09/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Staff is provided adequate time to practice technology skills.

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Effective use of technology is a factor in performance evaluations.

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Actively evaluates and pursues alternative funding sources such as grant and corporate partnerships.

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** The district will provide staff training personnel to support teachers to achieve technology competency and to integrate technology into the curriculum.

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

6. **Objective:** To evaluate/assess the effectiveness of on-going technology-focused professional development.

MSIP Standard: 6.7

Progress Measure:

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

Comments:

1. **Strategy:** To periodically survey teachers and support staff to identify the stages of classroom technology integration to target and design technology focused professional development activities.

MSIP Standard: 6.7

Persons Responsible: Tech Services

Funding Source Name:

Date to Implement Strategy: 09/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Participants will be asked to complete an evaluation form at the conclusion of all professional development activities.

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Twice each year, all staff will asked to complete a technology-focused professional development rubric that rates the Districts technology focused PD Plan.

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Twice each year, all staff will be asked to complete a professional development survey.

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

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

1. **Objective:** To develop a systemic process for upgrading and replacing technology throughout the district.

MSIP Standard: 6.4,6.8

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	75%			N/A
2010 - 2011		85%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** Develop a replacement schedule for out-dated equipment and network refresh

MSIP Standard: 6.4,6.8

Persons Responsible: Tech Services

Funding Source Name:

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Reestablish an Instructional Software Budget

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

- 2. **Action Step:** Provide server and software to support desktop video conferencing
Date To Implement Action Step: 08/01/2009
Date of Completion: 06/30/2012
- 3. **Action Step:** Replace older computers in Board of Education central office building
Date To Implement Action Step: 08/01/2009
Date of Completion: 06/30/2012
- 4. **Action Step:** Evaluate plan and implement expansion of data center infrastructure
Date To Implement Action Step: 12/01/2009
Date of Completion: 06/30/2012
- 5. **Action Step:** Upgrade Dell on-line modules
Date To Implement Action Step: 12/01/2009
Date of Completion: 06/30/2012
- 6. **Action Step:** Upgrade phone system to VoIP in central office
Date To Implement Action Step: 12/01/2010
Date of Completion: 06/30/2012

2. **Objective:** To research new/current trends and equipment for use in the district

MSIP Standard: 6.4,6.7,6.8

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	75%			N/A
2010 - 2011		85%		N/A
2011 - 2012			100%	N/A

Comments:

- 1. **Strategy:** To keep abreast of innovative technology

MSIP Standard: 6.4,6.7,6.8

Persons Responsible: Tech Services

Funding Source Name:

Date to Implement Strategy: 08/01/2009

Date of Completion: 08/31/2012

- 1. **Action Step:** Renew MoreNET membership
Date To Implement Action Step: 06/01/2010
Date of Completion: 06/30/2012
- 2. **Action Step:** Attend technology webinars
Date To Implement Action Step: 06/01/2009
Date of Completion: 06/30/2012
- 3. **Action Step:** Attend NECC conferences
Date To Implement Action Step: 06/01/2009
Date of Completion: 06/30/2012
- 4. **Action Step:** Attend Cooperating School Districts (CSD) monthly meeting
Date To Implement Action Step: 08/01/2009
Date of Completion: 06/30/2012

3. **Objective:** To provide technologically advanced infrastructure to support the learning environment.

MSIP Standard: 6.3,6.4

Progress Measure:

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

Comments:

- 1. **Strategy:** To provide technologically advanced infrastructure to support the learning environment.

MSIP Standard: 6.3,6.4

Persons Responsible: CIO

Funding Source Name:

Date to Implement Strategy: 03/01/2009

Date of Completion: 09/30/2010

1. **Action Step:** Employ outside vendors to deploy a network backbone capable of delivering streaming video and sustained demand to the Internet (distance learning, AP credits, dual credits, Spec Ed alternate learning, VoIP trunks).

Date To Implement Action Step: 03/01/2009

Date of Completion: 09/30/2010

2. **Action Step:** Employ outside vendors to maintain voice and data communications networks

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Employ outside vendors to replace obsolete network infrastructure

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** Perform quarterly inventory of decommissioned hardware to forecast anticipated technology refresh needs.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

4. **Objective:** To provide timely and responsive technical support to promote the education of the district's students.

MSIP Standard: 6.3,6.4

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	50%			N/A
2010 - 2011		75%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** To provide timely and responsive technical support

MSIP Standard: 6.3,6.4

Persons Responsible: Tech Support Director

Funding Source Name:

Date to Implement Strategy: 10/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Update a Technical Point of Contact (TPOC) roster.

Date To Implement Action Step: 10/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Create maintenance tickets for all technology service requests and assign a pre-determined prioritization (e.g. complete site outage, service effecting to a group, service effecting to an individual, non-service effecting)

Date To Implement Action Step: 10/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Provide maintenance service to respond to all high priority (Priority 1 type tickets) within 24 hours of receipt of trouble ticket (additional resources to fill staff vacancies)

Date To Implement Action Step: 10/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** Close all maintenance tickets within five business days of receipt by the help desk

Date To Implement Action Step: 10/01/2009

Date of Completion: 06/30/2012

5. **Action Step:** Upgrade MAGIC Service Desk Helpdesk software.

Date To Implement Action Step: 06/01/2010

Date of Completion: 06/30/2012

6. **Action Step:** To provide timely and responsive technical support to promote the education of the district's students.

Date To Implement Action Step: 10/01/2009

Date of Completion: 06/30/2012

5. **Objective:** Increase data driven decisions by providing reliable data and software tools needed to perform accurate, real-time data analysis.

MSIP Standard: 6.2,6.4,8.9,9.6

Progress Measure:

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

Comments:

1. **Strategy:** Present daily statistics from summarized student and business data accessible via web site or data dashboard

MSIP Standard: 6.2,6.4,8.9,9.6

Persons Responsible: Accountability, IT, SIS/MSIP

Funding Source Name:

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/30/2012

1.**Action Step:** Work in collaboration with SIS vendor to develop additional summary reports-discipline and attendance

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

2.**Action Step:** Implement user friendly, ad hoc data base query & decision support tools

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Use on-line information request system to assist in data reporting.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** Implement software systems to facilitate management of 4 year career plans and after school programs.

Date To Implement Action Step: 08/01/2010

Date of Completion: 06/30/2012

5.**Action Step:** Implement a totally integrated software system for administrative management of business functions

Date To Implement Action Step: 06/01/2009

Date of Completion: 08/31/2009

6.**Action Step:** Implement a report team, workgroup

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

6. **Objective:** To improve the technological learning environment for all students.

MSIP Standard: 6.4,6.7

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	75%			N/A
2010 - 2011		85%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** Evaluate current systems; determine needs.

MSIP Standard: 6.4,6.7

Persons Responsible: Tech Support

Funding Source Name: Local Funds

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/30/2012

1.**Action Step:** Update teacher computers in all schools

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

2.**Action Step:** Purchase video conferencing units in 81 schools

Date To Implement Action Step: 09/01/2010

Date of Completion: 06/30/2012

3.**Action Step:** Upgrade network to fiber

Date To Implement Action Step: 10/01/2009

Date of Completion: 06/30/2012

4.**Action Step:** Expand SLPS TV programming

Date To Implement Action Step: 10/01/2009

Date of Completion: 06/30/2012

5.**Action Step:** Implement district data dashboard

Date To Implement Action Step: 10/01/2009

Date of Completion: 06/30/2012

6.**Action Step:** Resume the teacher laptop Loan program

Date To Implement Action Step: 10/01/2009

Date of Completion: 06/30/2012

7.**Action Step:** Provide schools with a Mobile classrooms (2 for larger schools)

Date To Implement Action Step: 10/01/2009

Date of Completion: 10/31/2010

8.**Action Step:** Continue implementation of the SLPS Virtual School as an option for students

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2010

9.**Action Step:** Develop/ submit a budget, justify all technology requests in line with District critical and urgent

priorities

Date To Implement Action Step: 02/01/2010

Date of Completion: 06/30/2012

10.**Action Step:** Submit a report detailing technology budget expenditures

Date To Implement Action Step: 06/01/2010

Date of Completion: 06/30/2012

11.**Action Step:** Deploy new web site ?to include school web sites

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

7. **Objective:** To provide information security to protect the district's asset and confidentiality of students, staff, and board.

MSIP Standard: 6.4,8.3

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	75%			N/A
2010 - 2011		95%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** To protect the district's assets and confidential information of students, staff, and board.

MSIP Standard: 6.4,8.3

Persons Responsible: HR, CIO, Legal, BOE

Funding Source Name:

Date to Implement Strategy: 09/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Update Acceptable Use Policies and receive endorsement by the SAB.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Create and implement a process to synchronize, consolidate, and invoke password aging for user authentication.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Create individual versus generic student user accounts as the methodology to increase student usage of technology resources.

Date To Implement Action Step: 08/01/2009

Date of Completion: 08/31/2012

4. **Action Step:** Install virtual servers to leverage planned WAN upgrade to realize economies of scale.

Date To Implement Action Step: 12/01/2010

Date of Completion: 06/30/2012

5. **Action Step:** Replace End of Life firewalls

Date To Implement Action Step: 12/01/2010

Date of Completion: 06/30/2012

8. **Objective:** Establish methods to facilitate better communication about technology applications and policies; then build community support to thereby increase adoption of technology integration into the curriculum.

MSIP Standard: 6.1,6.3

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	75%			N/A
2010 - 2011		85%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** To increase awareness of technology applications and policies.

MSIP Standard: 6.1,6.3,6.4

Persons Responsible: CIO

Funding Source Name:

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Publish pre-determined maintenance windows on Technology Services internal web site.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** Create and implement a process to notify each affected school's Technical Point of Contact of any service modification to the IT resources used by the site.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

3. **Action Step:** Identify then conduct technical training for each school's Technical Point of Contact (i.e. Technology Services liaison)

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** Require 20 classroom or on-line hours of continuing education for all technical support personnel.

Date To Implement Action Step: 10/01/2009

Date of Completion: 10/31/2012

5. **Action Step:** Establish better awareness of matters impacting technology services.

Date To Implement Action Step: 10/01/2009

Date of Completion: 06/30/2012

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

1. **Objective:** Parents and the community should be engaged in setting high expectations and supporting student achievement.

MSIP Standard: 6.2,6.4,8.9,9.6

Progress Measure:

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

Comments:

1. **Strategy:** Allow parental access to student data via Internet from various locations

MSIP Standard: 6.2,6.4,8.9,9.6

Persons Responsible: COS, IT, Ed Officers, PAO

Funding Source Name:

Date to Implement Strategy: 09/01/2009

Date of Completion: 06/30/2012

- 1.**Action Step:** Provide computer access to student data in Parent Resource Center

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

- 2.**Action Step:** Provide Parent technology classes

Date To Implement Action Step: 09/01/2009

Date of Completion: 09/30/2012

- 3.**Action Step:** Provide on-line access to resource sheets and FAQs

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

- 4.**Action Step:** Investigate on-line reference databases for staff and students

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2012

- 5.**Action Step:** Encourage periodic updates to district's school and office web sites

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

- 6.**Action Step:** Create email accounts for students

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

- 7.**Action Step:** Develop and implement surveys to determine parent technology needs

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

- 8.**Action Step:** Implement a simplified, parent friendly (automated progress report/report card at the elementary school level (replaces objective based card)

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

9. **Action Step:** Allow parental access to student data via Internet from home or public library.

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2012

2. **Objective:** Improve data administration for staff, students, parents and the community.

MSIP Standard: 6.2,6.4,8.9,9.6

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	85%			N/A
2010 - 2011		95%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** Improve availability of student data

MSIP Standard: 6.2,6.4,8.9,9.6

Persons Responsible: COS, Ed Officers, IT, Pupil Accounting

Funding Source Name: Local Funds

Date to Implement Strategy: 12/01/2009

Date of Completion: 06/30/2012

- 1.**Action Step:** Increase and improve availability of student data at High Schools; implement Photo Ids, Entry/Exit System, Grade Book and onsite printing/mailing of semester report cards

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

2.**Action Step:** Increase and improve availability of student data at Elementary Schools; implement Teacher Classroom Attendance, Grade Reporting, and Grade Book

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

3.**Action Step:** Implement Phone notification system at elementary level

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** Develop and implement training strategy and plan.

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

5.**Action Step:** Improve software interfaces and data synchronization (SIF)

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

6.**Action Step:** Improve data integrity and reliability-(data edit checking)

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

7.**Action Step:** Upgrade client-based applications to web-based

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

8.**Action Step:** Improve access to data elements in SIS for reporting purpose

Date To Implement Action Step: 12/01/2009

Date of Completion: 06/30/2012

9.**Action Step:** Upgrade SAP software

Date To Implement Action Step: 08/01/2010

Date of Completion: 08/31/2012

10.**Action Step:** Implement an applicant-tracking system (School Recruiter)

Date To Implement Action Step: 04/01/2010

Date of Completion: 06/30/2012

11.**Action Step:** Implement an employee validation system (TAL-X)

Date To Implement Action Step: 04/01/2010

Date of Completion: 06/30/2012

12.**Action Step:** Implement a consolidated, Food Services Management System (One Source)

Date To Implement Action Step: 04/01/2010

Date of Completion: 06/30/2012

13.**Action Step:** Increase and improve availability of student data at Middle Schools; implement Random Scheduling, Teacher Classroom Attendance, Grade Reporting, and Grade Book

Date To Implement Action Step: 12/01/2009

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:** To coordinate, analyze and distribute performance data and program evaluations resulting in improved instructional and administrative practices.

MSIP Standard: 6.4

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2009 - 2010	50%			N/A
2010 - 2011		75%		N/A
2011 - 2012			100%	N/A

Comments:

1. **Strategy:** To provide access to more accurate data

MSIP Standard: 6.4

Persons Responsible: Accountability

Funding Source Name:

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Identify, purchase and use a robust data warehouse
Date To Implement Action Step: 01/01/2010
Date of Completion: 06/30/2012
2. **Action Step:** Train staff to use data
Date To Implement Action Step: 09/01/2009
Date of Completion: 06/30/2012
3. **Action Step:** Provide resources necessary to collect core data consistently and accurately
Date To Implement Action Step: 09/01/2009
Date of Completion: 06/30/2012
4. **Action Step:** Maintain accurate data/for intervention strategy
Date To Implement Action Step: 09/01/2009
Date of Completion: 06/12/2012
5. **Action Step:** Charge Accountability Division with data collection, coordination/analysis
Date To Implement Action Step: 08/01/2009
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.

Technology Plan Assessment/Evaluation The technology Plan has been written with measurable actions so that the committee can more easily evaluate improvement as outlined within the plan. In addition, objectives and action items have stressed assessment and provisions for correction measures of the plan's goals. The Technology Committee will routinely conduct an end-of year review of the Technology Plan to determine if adequate progress has been made on the stated goals and objectives. Revisions, if appropriate, to the Technology Plan should be made at this time. The following assessment and evaluation tools will be used: Assessment may include the following: A survey to staff, students, and parents; Evaluate whether or not the goals and objectives in the plan have been met; Analyze the effectiveness of the strategies included with each objective; Review school improvement goals specific to Technology; Collection of data on staff development in the area of Technology; Demonstration of examples of student work or skills; Technology usage and service logs; Technology user feedback; Other measures identified in the plan.



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.