

Missouri Department of Elementary and Secondary Education EPEGS

Education Technology Plan

School Year 2009-2010

048-071 Lee's Summit R-VII

**Mission Statement:**

Our mission is to prepare each student for a diverse and rapidly changing world through excellent educational opportunities in a safe and caring environment.

**Local Needs:**

The Technology Advisory Council consisting of a broad cross section of the Lee's Summit R-7 School District was the oversight team during the development of the R-7 Education Technology Plan. Data sources from the 2007-2008 school year through the 2009-2010 school year were collected and reviewed. These sources were analyzed for the identification of the districts needs in each of the five identified goal areas. Data sources reviewed included: district achievement data, district summative assessments, professional development plans, district policies, state and national technology standards, long range budget, census of technology, network usage statistics, inventory reports, on-line course surveys, laptop training surveys, SMARTBoard and CPS competency checklist, technology work order system reports, Atomic Learning usage data, Blackboard user statistics, Instructional Technology PD requests, student technology literacy assessment results, new teacher technology literacy assessment results, online course grades, and web site usage statistics

**Goal 1: Student Performance** 1. The district APR indicates MSIP Standard 9.7 Subgroup Achievement for all groups was not met. 2. Baseline data indicates students are not meeting 8<sup>th</sup> grade tech literacy proficiency levels.

**Goal 2: Highly Qualified Staff** 1. Continue to provide technology training and support so that district staff continue to infuse technology resources into the curriculum. 2. Ensure new teachers and administrators demonstrate established technology competencies with 80% mastery.

**Goal 3: Facilities, Support, and Instructional Resources** 1. Provide adequate and equitable access to technology resources in the classroom. 2. Better manage the district's

internet resources and bandwidth. 3. Provide security to the district wireless network. 4. Implement access control and video deterrent systems.

**Goal 4: Parent and Community Involvement** 1. Improve access to electronic information. 2. Provide on-line payment options for parents.

**Goal 5: Governance** 1. Provide effective technology leadership and support. 2. Maintain adequate budget to support total cost of ownership. 3. Maintain policies for safe and appropriate use of technology equipment and resources. 4. Ensure proper integration of technology applications and services.

**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:** Reach state-mandated average yearly progress goals by modifying, developing, and expanding curriculum, assessment and instructional programs to address the diverse educational needs of students.

**MSIP Standard:** 6.1, 6.2, 6.3, 6.4, 6.5, 6.7, 9.1, 9.2

**Progress Measure:**

School Year	Baseline	Progress Target	Target Met
2008-2009	64.5(CA)/64.9(MA)	59.2(CA)/54.1(MA)	
2009-2010		67.4(CA)/63.3(MA)	
2010-2011		75.5(CA)/72.5(MA)	
2011-2012		83.7(CA)/81.7(MA)	
2012-2013		91.8(CA)/90.8(MA)	

**Comments:** METSP Goals S1, S2 Progress Measures: MAP/EOC Assessment Data, local performance assessments, ACT test summaries

**1. Strategy:** Provide instructional technology software applications to support curriculum, assessment, and instruction.

MSIP Standard: 6.1, 6.2, 6.3, 6.4, 6.5, 6.7, 9.1, 9.2

Persons Responsible: Instructional Operations Team Members

Funding Source Name: Basic Formula – State Monies, Local Funds, Title II D

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue implementation and expansion of an electronic system to deliver K-12 district summative assessments in core subject areas.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue implementation of Inform, achievement data analysis software, to facilitate data-driven decision-making.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Implement an electronic system to allow teachers access to curriculum resources and the ability to share “best practices.”

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide continued and additional technology intervention support for core subject areas.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Implement an electronic system to collect consistent classroom walkthrough data.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

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**2. Strategy:** Implement district programs that expand learning opportunities for students.

MSIP Standard: 6.2, 6.3, 6.4, 6.5, 6.7, 6.8, 7.2, 7.4

Persons Responsible: Instructional Operations Team Members, Executive Director of Technology

Funding Source Name: Basic Formula – State Monies, Local Funds, Title II D

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue implementation of current on-line courses for delivering instruction and expand course offerings.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Research, evaluate and implement emerging technologies as they relate to the instructional goals of the district.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Implement a process for acquiring and monitoring instructional software applications to ensure they meet student needs.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**2. Objective:** Ensure students demonstrate established technology competencies with 80% mastery.

**MSIP Standard:** 6.1, 6.2, 6.3, 6.4

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2008-2009	63			N/A
2009-2010		70		N/A
2010-2011		80		N/A
2011-2012		90		N/A
2012-2013			100	N/A

**Comments:** METSP Goal S2. Progress Measures: Infosource NETS-S Simple Assessment, Census of Technology

**1. Strategy:** Provide technology assessment for middle school students which meets core data requirement and adopted district technology standards.

MSIP Standard: 6.1, 6.2, 6.3, 6.4, 6.5, 6.7, 9.1, 9.2

Persons Responsible: Instructional Operations Team Members

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

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to assess middle school students on the adopted National Education Technology Standards for Students (NETS-S) to determine proficiency levels and meet core data requirement. Assessment currently being used is Simple

Assessment from InfoSource based on adopted NETS-S 2007.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Integrate student technology competencies into curriculum.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**2. Goal:** Recruit, attract, develop and retain highly qualified staff to carry out the district mission, goals and objectives.

**1. Objective:** The district will provide professional development opportunities for teachers and administrators to develop the capacity to effectively integrate technology into teaching and learning.

**MSIP Standard:** 6.1, 6.2, 6.3, 6.4, 6.5, 6.7

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2010-2011	100		100	N/A
2011-2012			100	N/A
2012-2013			100	N/A

**Comments:** METSP Goals T1, TS1. Progress Measures: Census of Technology, annual technology program evaluation, new teacher technology assessments

**1. Strategy:** The district provides professional development that promotes the integration of technology into the curriculum to impact student learning.

MSIP Standard: 6.1, 6.2, 6.3, 6.4, 6.5, 6.7

Persons Responsible: Director of Instructional Technology

Funding Source Name: Title II D, Basic Formula – State Monies, Local Funds

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to provide technology integration training and support to district staff. Training will be provided during plan time, before or after school, during district and building professional development time by Instructional Technology Specialists. Training will be user and content specific.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue implementation of Atomic Learning subscription to provide virtual software and integration training for staff and students.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide summer workshops designed to help teachers integrate current technologies and hardware into their curriculum.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide continued and additional technology support and training on district adopted Intervention Software at Tiers I, II and III.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide textbook specific technology training to ensure resources are integrated into curriculum.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide training and support on district assessment hardware to ensure common assessment data is accurately recorded.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide training and support on the use of hardware and software specific to district walkthrough initiative.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide training and support to Click-it to Learn Classrooms which are using student response systems daily to impact student learning.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide training and support to district Blackboard Blended Teachers who are using a virtual classroom environment to support their face-to-face instruction.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide user-specific training and support to all new-to-the-district certified staff to ensure they understand the software and hardware applications and how to use them to meet curriculum requirements.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to provide teacher training on inputting common assessment data into achievement data analysis software, Inform.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**2. Strategy:** Provide appropriate professional development which allows the district to implement district programs that expand learning opportunities for students.

MSIP Standard: 6.1, 6.2, 6.3, 6.4, 6.5, 6.7

Persons Responsible: Instructional Operations Team Members

Funding Source Name: Title II D, Basic Formula – State Monies, Local Funds

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide virtual course design training to allow the district to develop online courses.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide training and support in the teaching of virtual courses.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide training and support to curriculum teams to allow them to input curriculum into an online environment.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**2. Objective:** Ensure new teachers and administrators demonstrate established technology competencies with 80% mastery.

**MSIP Standard:** 6.1, 6.2, 6.3, 6.4, 6.5, 6.7

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2009-2010	New Teachers			
2010-2011	New Administrators			N/A
2011-2012		75		N/A
2012-2013			100	N/A

**Comments:** METSP Goals T1 TS1. Progress Measures: Census of Technology, annual technology program evaluation, new teacher technology assessments

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- 1. Strategy:** Provide professional development activities for administrators, and teachers that build technology proficiency.

MSIP Standard: 6.1, 6.2, 6.3, 6.4, 6.5, 6.7

Persons Responsible: Director of Instructional Technology

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

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to assess teachers new to the district on the adopted National Education Technology Standards for Teachers (NETS-T). This assessment is part of the Atomic Learning subscription and is specific to the NETS-T 2008.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Utilize NETS-T assessment data from all new teachers to develop an individualized training plan which will be accomplished through training and support provided by the Instructional Technology Department.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide all new-to-the-district instructional administrators appropriate training and support to ensure they meet the adopted National Education Technology Standards for Administrators (NETS-A). Assessment or competency based list yet to be developed by district.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

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

**1. Objective:** The Lee’s Summit R-7 School District will identify and or secure the resources to provide adequate and equitable access to current instructional technology tools and resources for students and staff.

**MSIP Standard:** 6.1, 6.3, 6.4, 6.7, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.1

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2010-2011	100		100	N/A
2011-2012			100	N/A
2012-2013			100	N/A

**Comments:** METSP Goals A1, A2, R1, TS1. Progress Measures: Census of Technology, annual technology program evaluation, hardware and software inventory reports, technology department budget reports

**1. Strategy:** The Lee’s Summit R-7 School District will ensure equitable access to a broad range of technology resources for students and staff to support instructional activities.

MSIP Standard: 6.2, 6.3, 6.8, 6.9, 7.1, 7.2, 7.3, 7.7, 8.1, 8.5

Persons Responsible: Executive Director of Technology, Director of Instructional Technology, Associate Superintendent of Management Services

Funding Source Name: Basic Formula – State Monies, Local Funds, Technology Budget, Bond Funds, Project Lead the Way, Lee’s Summit Education Foundation

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Review and revise the current 4-yr. and 5 yr. computer replacement cycle for department labs, all school labs, teacher computers, and support staff.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2011

Action Step: Update the district developed Domino based inventory system to reflect any adjustments made to the replacement cycles.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Evaluate the benefits of moving additional computers replaced on the 4-yr replacement cycle into classrooms for student use.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to install mounted data projectors and interactive white boards in all core classrooms until all classrooms have equitable access to this technology.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue the installation of enhanced classroom audio systems to provide equitable access in grades K-2.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Explore thin client computing as an alternative to traditional computers in all school computer labs.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Investigate a staff and student “portal” to provide secure access to district applications and resources from outside the district network.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**2. Strategy:** The Lee’s Summit R-7 School District will maintain network infrastructure to provide a WAN, LAN and WLAN that is robust, reliable, and secure to support instructional and administrative functions.

MSIP Standard: 6.6, 8.1, 8.2, 8.7,

Persons Responsible: Executive Director of Technology, Network Administrator, District Technology Specialist

Funding Source Name: Basic Formula – State Monies, Local Funds, Bond Funds

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to evaluate the performance of the district WAN/LAN and perform upgrades as necessary to ensure desired performance.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Investigate solutions that provide bandwidth management to more effectively prioritize applications running on the district network.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to provide cellular and Blackberry data services to identified staff to increase efficiency and productivity.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to provide digital and analog telephone service, including long distance to support the district's telecommunication needs.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Upgrade the districts WLAN to the 802.11n standard and move to a controller based system with light access points to improve performance and functionality.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2011

Action Step: Implement a wireless security solution using 802.1x authentication to provide security to the district's WLAN.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2011

**2. Objective:** The Lee's Summit R-7 School District will continue to provide effective technical and instructional support to instructional and support staff.

**MSIP Standard:** 6.3, 6.4, 6.5, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3, 7.4, 8.5

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2010-2011	100		100	N/A
2011-2012			100	N/A
2012-2013			100	N/A

**Comments:** METSP Goals S1, T1, A2, R1, TS1. Progress Measures: Census of Technology, technology work order system reports, instructional technology program reports

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- 1. Strategy:** The Lee's Summit R-7 School District will continue to provide technical and instructional support through the district's technical, and instructional technology staff and through outside resources.

MSIP Standard: 6.3, 6.4, 6.5, 6.7, 6.8, 6.9, 7.1, 7.2, 7.3, 7.4, 8.5  
Persons Responsible: Executive Director of Technology, Director of Instructional Technology, Instructional Technology Specialist, Technology Staff  
Funding Source Name: Basic Formula – State Monies, Local Funds  
Date to Implement Strategy: 07/01/2010  
Date of Completion: 06/30/2013

Action Step: The district will maintain technical support through the assignment of Site Technology Specialist, Field Technology Specialist, District Technology Specialist, Application Specialist, and Data Support Specialist.

Date to Implement Action Step: 07/01/2010  
Date of Completion: 06/30/2013

Action Step: The district will maintain instructional support through the assignment of Instructional Technology Specialist.

Date to Implement Action Step: 07/01/2010  
Date of Completion: 06/30/2013

Action Step: The assignment and distribution of all technical and instructional support staff will be reviewed annually and appropriate adjustments implemented.

Date to Implement Action Step: 07/01/2010  
Date of Completion: 06/30/2013

Action Step: Annually evaluate staffing needs and make budget requests as appropriate.

Date to Implement Action Step: 07/01/2010  
Date of Completion: 06/30/2013

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- 2. Strategy:** The Lee's Summit R-7 School District will continue to support the transportation and nutrition services departments with the implementation and management of Transfinder and NutriKids software applications.

MSIP Standard: 8.13, 8.14  
 Persons Responsible: Director of Data Systems  
 Funding Source Name: Transportation Budget  
 Date to Implement Strategy: 07/01/2010  
 Date of Completion: 06/30/2013

Action Step: The district will continue to support integration of Transfinder with the district's SIS PowerSchool.  
 Date to Implement Action Step: 07/01/2010  
 Date of Completion: 06/30/2013

Action Step: The district will continue to support integration of NutriKids with the district's SIS PowerSchool.  
 Date to Implement Action Step: 07/01/2010  
 Date of Completion: 06/30/2013

**3. Objective:** The Lee's Summit R-7 School District will provide up-to-date and safe facilities to support the programs of the schools.

**MSIP Standard:** 6.4, 6.5, 8.11 8.15

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2009-2010	33		100	
2010-2011			100	N/A
2011-2012			100	N/A
2012-2013			100	N/A

**Comments:** METSP Goals A1, R1, TS1. Progress Measure: Regular communication and ongoing collaboration will occur between the construction, facilities and technology departments to evaluate facility needs. Information will be provided annually to the strategic planning committee.

**1. Strategy:** The Lee's Summit R-7 School District will continue monitor district facilities for opportunities to improve the safe operation.

MSIP Standard: 8.11, 8.15  
 Persons Responsible: Executive Director of Technology, Director of Construction, Director of Facilities, Associate Superintendent of Management Services.  
 Funding Source Name: Local Funds, Bond Funds  
 Date to Implement Strategy: 07/01/2010  
 Date of Completion: 06/30/2013

Action Step: The district will install cameras and buzzer entry systems to monitor access at all elementary and middle school buildings.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2011

Action Step: The district will install video deterrent systems in each of the high school buildings.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2011

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

**1. Objective:** Increase staff and public awareness of Lee's Summit R-7 website's value as an information source while enhancing involvement and feedback options.

**MSIP Standard:** 6.5, 7.5, 7.6, 8.2, 8.8

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2010-2011	80		100	N/A
2011-2012			100	N/A
2012-2013			100	N/A

**Comments:** METSP Goals A2, R1 Progress Measures: Ongoing updates of the districts public internet and private intranet will be provided to staff, parents, students, and community members through a variety of communication channels. Website usage statistics will be evaluated annually.

**1. Strategy:** Investigate new website design and expansion of community input features for R-7 website, incorporating existing and emerging technology.

MSIP Standard: 6.5, 7.5, 7.6, 8.2, 8.8

Persons Responsible: Director of Community Relations, District Web Manager, Executive Director of Technology

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

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Launch new design for R-7 website, continuing emphasis on functional, informational, and easy-to-navigate web pages.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**2. Strategy:** Expand inclusion of R-7 publications and documents within website, making them easily accessible to the public.

MSIP Standard: 6.5, 7.5, 7.6, 8.2, 8.8

Persons Responsible: Director of Community Relations, District Web Manager, Executive Director of Technology

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

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Develop additional options for staff members and parents to download common forms and documents electronically district-wide and at building level.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Explore web-based opportunities for expansion of parent and staff electronic sign-ups and electronic access to student information.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**2. Objective:** Explore expansion of district use of social media and other emerging technologies designed to connect individuals and organizations electronically.

**MSIP Standard:** 6.5, 7.5, 7.6, 8.2, 8.8

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2010-2011	80		100	N/A
2011-2012			100	N/A
2012-2013			100	N/A

**Comments:** METSP Goals A2, R1 Progress Measures: Reports will be provided on the use of social media outlets used to communicate with parents, patrons, students and staff.

**1. Strategy:** Explore opportunities to add and expand use of new and existing social media, such as Twitter, podcasting, LinkedIn and Facebook, to enhance community awareness and involvement.

MSIP Standard: 6.5, 7.5, 7.6, 8.2, 8.8

Persons Responsible: Director of Community Relations, District Web Manager, Executive Director of Technology

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

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Evaluate existing use of Twitter and podcasting to determine direction for these pilot programs.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Conduct survey of Missouri districts currently using Facebook and evaluate for possible launch in R-7.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**3. Objective:** Explore expansion of on-line enrollment options including course selection and payment of fees.

**MSIP Standard:** 6.5, 7.5, 7.6, 8.2, 8.8

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2010-2011	33		100	N/A
2011-2012			100	N/A
2012-2013			100	N/A

**Comments:** METSP Goals A2, R1 Progress Measures: Reports will be provided on the number of students completing enrollment on-line and the number of parents who utilize the on-line payment options.

**1. Strategy:** Develop and implement a plan for on-line enrollment at the high school level. The plan will include demographic updates, course selection and on-line payment options.

MSIP Standard: 6.5, 7.5, 7.6, 8.2, 8.8

Persons Responsible: Director of Data Processing, Executive Director of Technology, Executive Director of Business Services, Assistant Superintendent Secondary

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

Date to Implement Strategy: 07/01/2010  
Date of Completion: 06/30/2013

Action Step: Create on-line enrollment screens for high school students.

Date to Implement Action Step: 07/01/2010  
Date of Completion: 06/30/2011

Action Step: Update parent portal in PowerSchool to allow for on-line demographic updates by parents.

Date to Implement Action Step: 07/01/2010  
Date of Completion: 06/30/2011

Action Step: Utilize RevTrack to create an on-line payment option for high school students for the payment of fines, fees, and enrollment purchases.

Date to Implement Action Step: 07/01/2010  
Date of Completion: 06/30/2011

Action Step: Utilize RevTrack to expand on-line payment options to provide access to booster clubs, sports camps and other fee based organizations and activities.

Date to Implement Action Step: 07/01/2011  
Date of Completion: 06/30/2012

Action Step: Expand on-line enrollment and payment options to middle school students and parents.

Date to Implement Action Step: 07/01/2011  
Date of Completion: 06/30/2012

**5. Goal:** Govern the district in an efficient and effective manner providing leadership and representation to benefit students, staff and patrons of the district.

**1. Objective:** The Lee's Summit R-7 School District will continue to provide leadership in the implementation and use of the district's technology resources.

**MSIP Standard:** 6.1, 6.3, 6.4, 6.7, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.1

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2010-2011	100		100	N/A
2011-2012			100	N/A
2012-2013			100	N/A

**Comments:** METSP Goals A1, A2, R1, TS1. Progress Measures: Census of Technology, annual technology program evaluation, annual technology plan review

- 1. Strategy:** The Lee's Summit R-7 School District will continue to designate a technology department under the leadership of a technology director to oversee, coordinate and support the district's technology implementation.

MSIP Standard: 6.1, 6.2, 6.3, 6.4, 6.5, 6.7, 9.1, 9.2

Persons Responsible: Superintendent, Executive Director of Technology

Funding Source Name: Local funds, State Funds

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: The district will maintain a long-range technology plan which will be monitored and evaluated annually, and which will be revised and submitted to the Board of Education and DESE every three years.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: The district will maintain a district level technology team (Technology Advisory Council) with representation from teachers, administrators and support staff that will meet through the year and assist with planning and evaluation activities.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: The technology department will maintain a leadership team consisting of the Executive Director of Technology, Director of Data Systems, Director of Instructional Technology, Network Administrator, and District Technology Supervisor to manage the ongoing technology operations of the district.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Each school will maintain a building level technology team that will assist with planning and evaluation of building level technology activities.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**2. Strategy:** The Lee’s Summit R-7 School District will maintain a technology budget sufficient to cover the Total Cost of Ownership for district programs.

MSIP Standard: 6.4, 6.5, 8.5

Persons Responsible: Executive Director of Technology, Associate Superintendent of Management Services

Funding Source Name: State Funds, Local Funds

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: The Executive Director of Technology will continue to work with district administrators and the Technology Advisory Council to determine the annual technology budget needs.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**2. Objective:** The Lee’s Summit R-7 School District will continually manage, assess, and enhance the support services and information technology infrastructure to provide an efficient working environment that cultivates positive learning opportunities for students and staff.

**MSIP Standard:** 6.1, 6.3, 6.4, 6.7, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.1

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2010-2011	100		100	N/A
2011-2012			100	N/A
2012-2013			100	N/A

**Comments:** METSP Goals S1, A2. **Progress Measure:** Census of Technology, annual technology program evaluation, annual technology plan review

**1. Strategy:** Implement the process for an electronically produced elementary grade card to be used by all elementary schools.

MSIP Standard: 6.5, 6.7, 7.5, 8.8

Persons Responsible: Director of Data Systems, Assistant Superintendent for Elementary Instruction

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

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Identify reporting standards for each grade level and design the look of the grade card for each grade level.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Configure PowerSchool to accommodate the new elementary grade card format.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Train all elementary teachers for use of the electronic grade card format.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**3. Objective:** The Lee's Summit R-7 School District will continue to support a comprehensive collection of integrated data management systems to improve the operational efficiency of instructional programs. METSP S1, S2, T1, T2, A2, R1

**MSIP Standard:** 6.1, 6.2, 6.3, 6.4, 6.7, 7.3, 7.2, 7.3, 8.1, 8.2, 8.6, 8.7, 8.8, 8.9

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2010-2011	100		100	N/A
2011-2012			100	N/A
2012-2013			100	N/A

**Comments:** METSP Goals S1, A1, A2, R1, TS1. An annual review of all systems (financial, student information, data warehousing, library media, nutrition services, transportation, etc) for functionality, total cost of ownership, and possible upgrades will be conducted.

**1. Strategy:** The Lee's Summit R-7 School District will continue implement effective and efficient administration, data management, and communication processes through the use of technology that supports teaching and learning.

MSIP Standard: 6.1, 6.2, 6.3, 6.4, 6.7, 7.3, 7.2, 7.3, 8.1, 8.2, 8.6, 8.7, 8.8, 8.9

Persons Responsible: Executive Director of Technology, Director of Data Systems

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

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to use PowerSchool for comprehensive student record management.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to use IFAS for financial data management.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to use Lotus/Domino for district email services.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to use Blackboard Connect for automated notification services.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to use Inform for data warehousing and achievement data analysis.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to use Blackboard for an on-line learning environment.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Evaluate a solution for network monitoring and bandwidth management.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to review other administrative software applications.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Collaborate with other districts regarding administrative applications.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Provide ongoing technical support and system training for district users.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

**4. Objective:** The Lee's Summit R-7 School District will continue to support teacher and student access to resources by identifying and allocating funds for software and hardware to meet improvement plan goals.

**MSIP Standard: 6.1, 6.3, 6.4, 6.7, 8.5**

**Progress Measure:**

School Year	Baseline	Progress	Target	Target Met
2010-2011	100		100	N/A
2011-2012			100	N/A
2012-2013			100	N/A

**Comments:** METSP Goals A1, R1, TS1. The Technology Advisory Council and the Technology Leadership Team will annually review software and hardware allocations. They will evaluate non-allocated technology request from buildings and approved as funds are available.

**1. Strategy:** Ensure that the technology budget and long range technology purchase plans are aligned with the district CSIP.

MSIP Standard: 6.1, 6.3, 6.4, 6.7, 6.8, 7.1, 7.2, 7.3, 7.4, 7.6

Persons Responsible: Executive Director of Technology

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

Date to Implement Strategy: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Maintain a 7-year technology budget for software subscriptions and equipment replacement cycles

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Annually review federal and state grants available for technology.

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

Action Step: Continue to apply for funding through the Universal Service Fund (E-Rate).

Date to Implement Action Step: 07/01/2010

Date of Completion: 06/30/2013

## 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.

The Technology Advisory Council will provide ongoing monitoring of the technology plan through its regularly scheduled meetings. Annually the team will provide a progress report to the district administration, the Board of Education and the District CSIP team through the technology annual evaluation report. The progress measures identified with each objective will be used to review and evaluate the status of the plan in each of the five Technology Focus Areas. The following process and accountability measures will be used to monitor and evaluate the plan. Using the timeline identified with each action step, the person(s) responsible for the strategy will provide progress reports to the Technology Advisory Council once in the fall and once in the spring. The reports will be documented using a consistent form that will track the progress of each action step. The following scale will be used to evaluate each action step and strategy: “1” Action step has begun but is less than 50% complete, “2” Action step is 50% or more complete, “3” Action step is completed as stated or is ongoing as required. The Executive Director of Technology and the Director of Instructional Technology will provide regular updates to the Instructional Operations Team and to building principals.

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 how 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.