

**MO DEPT ELEMENTARY AND
SECONDARY EDUCATION**

EPEGS

Education Technology Plan

SCHOOL YEAR: 2008 - 2009

DISTRICT: 109-003 WARREN CO. R-III

Mission Statement: The Warren County R-III School District shall meet the needs of all students, enabling them to reach their full potential by emphasizing intellectual, physical, social and career development.

Local Needs: The following data sources for the years 2006-09 were collected and analyzed in the development of district needs related to all five goal areas: district achievement, surveys, core data, PD, data network, inventories, financial, district policies, state and national standards. The district's planning team represented all segments and key stake-holders in the community, parents, business leaders, members of the district's staff, and the Warren County R-III Board of Education. School improvement and instructional tech needs include:

Goal 1: Student Performance- 1. Assessments will drive instruction/graduation rates; 2. More MS-PE time; 3. Increase HS Foreign languages; 4. Seek student/family/staff input to improve curriculum; 5. Improve HS student schedules through parent input; 6. increase integration of inquiry-based instruction; 7. embed NETS*S/21st Century Skills in written curriculum; 8. use technology to deliver/assess instruction.

Goal 2: Highly Qualified Staff- 1. Attract staff through job fairs/university contacts; 2. Conduct hiring questionnaires; 3. Provide community info packets; 4. Seek new teachers from other professions; 5. Contact outside agencies 6. Candidates meet w/grads & veteran staff to learn about R3; 7. Seek local residents employed by other districts; 8. Improve support job postings 9. Provide social activities; 10. Improve salaries/benefits/promotions 11. Staff tech literacy to meet NETS*T; 12. More training for inquiry-based instruction and to deliver and assess learning.

Goal 3: Facilities, Support and Instructional Resources- 1. Add team training for 4th/5th gr. teachers; 2. Improve support/resources for volunteers; 3. Establish intervention blocks, home/school liaisons, child/adult mentor program, home-peer groups; 4. All staff wear name tags, keep all doors closed/locked during school hours, install video cameras in all buildings/buses, question all visitors; 5. Provide bus service to/from all buildings; 6. divert traffic behind the fieldhouse; 7. SRO @ each site; 8. Revise student pick-up/drop-off at all schools; 9. Add bollards at RBE cafe; 10. Fencing around playgrounds; 11. Lower student /computer ratio; 12. Classrooms meet essential technology standards; 13. Increase assistive/alt. learning resources; 14. Improve technology-based admin-data mgnt-communication systems.

Goal 4: Parent and Community Involvement: 1. Offer adult computer courses, exercise programs, parenting classes; 2. Conduct surveys of R3 stakeholders; 3. Improve newsletters; 4. improve online info for assignments, tests, activities, progress reports; 5. Provide social programs for children/parents; 6. involve community professionals; 7. Establish grandparent-buddy & Big Bro/Sis program, pair community members w/at-risk students; 8. Create volunteer outlets; 9. Free student activities at churches/businesses; 10. Encourage businesses to reduce student work hours; 11. Review community demographics/needs w/Booneslick Reg. Plan; 12. Timely parent notification of student behavior issues; 13. Expand district website, 14. Improve online communication & parent portal

Goal 5: Governance- 1. Improve reg. bus routes; 2. reduce/eliminate ineligible miles; 3. Consider MOVIP for OSS alternative; 4. Develop AR behavior contracts; 5. Continue upgrading the R3 Policy Manual; 6. Maintain policies for approp/safe tech use; 7. Maintain adequate tech budget-inc.TCO; 8. provide effective tech leadership

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:** Technology will be fully integrated into the curricula and instruction for all students by June 2014.

MSIP Standard: 6.1,6.2,6.3,6.4,6.8,7.1,7.2,7.3

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	60%			N/A
2009 - 2010		70%		N/A
2010 - 2011		80%		N/A
2011 - 2012			90%	N/A

Comments: METSP Goals Addressed: S1, S2 Progress Measures and Data Analysis: District Curriculum Guides, eMints Instructional Model, Staff & Student Surveys, CSIP, Annual Reports to Board of Education on Curriculum and Student Achievement.

1. **Strategy:** Written curriculum for all subject areas will be updated to incorporate instructional strategies based on the eMINTS (or equivalent) instructional model that uses technology to engage learners in student-centered, collaborative, and inquiry-based instructional activities promoting research, communication, and problem solving skills.

MSIP Standard: 6.1,6.3,6.4

Persons Responsible: C&I Dir., Tech. Dir., Building Principals, Teachers

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** As part of the district's curriculum revision process, technology enriched instructional strategies for all subject areas will be developed and included that promotes research, problem solving, and communication skills and that engages students in collaborative, project-based learning activities.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** As part of the district's curriculum revision process, strategies will be developed and included that help students acquire 21st century skills such as information and communication technology, media literacy, and workplace readiness.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** The district will incorporate information technology literacy skills based on NET*S for grades K-12 into the written curriculum.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** Investigate and implement software and online resources to support written curriculum.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

5. **Action Step:** Utilize technology tools such as Sharepoint Services and SISK12 to provide staff with online access to curriculum guides for all subject areas.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Strategy:** District curriculum will include activities and processes that use technology to support career and post-secondary planning.

MSIP Standard: 6.1,6.3,6.4

Persons Responsible: C&I Dir., Tech. Dir., Building Principals, Teachers

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** The district will assess the need for expanded course offerings in MS and HS for workplace readiness skills related to technology literacy and will develop a plan for implementing.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** HS students will continue to utilize online resources for interest inventories, career searches, college searches, etc. to assist with post-secondary planning.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Strategy:** A variety of technology resources will be used to deliver, monitor, and assess student achievement to provide immediate feedback and address various learner needs.

MSIP Standard: 6.1,6.2,6.3,6.4,7.1,7.2

Persons Responsible: C&I Dir., Tech. Dir., Building Principals, Teachers

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Continue to add interactive whiteboards and projectors to classrooms at each grade level, completing at least one grade level each year in ascending order beginning with 3rd grade and until all classrooms are complete.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Continue to implement electronic portfolios through the use of home folders for students that follow them throughout their school career and provide online access to resources and collaboration between students and teachers through the development of a Sharepoint Services Portal.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Purchase additional sets of handheld data voting and input devices to be used with interactive boards to provide immediate learner feedback during instruction.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** Continue to investigate and implement additional technology resources to monitor student progress and achievement.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Objective:** The district will meet or exceed Adequate Yearly Progress as defined by No Child Left Behind.

MSIP Standard: 6.1,6.3,6.4,6.8,9.1

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2007 - 2008	42.3(CA)/43.9(MA)		51.0(CA)/45.0(MA)	N/A
2008 - 2009			59.2(CA)/54.1(MA)	N/A
2009 - 2010			67.4(CA)/63.3(MA)	N/A
2010 - 2011			75.5(CA)/72.5(MA)	N/A
2011 - 2012			83.7(CA)/81.7(MA)	N/A

Comments: METSP Goals Addressed: S1, S2 Progress Measures and Data Analysis: MAP/EOC Assessments, Local Performance Assessments, A+ Online Instruction Data, Reading Achievement Data, ACT Test Summaries

1. **Strategy:** Students will use a variety of technology resources for project-based, collaborative, and inquiry based instructional activities improving student achievement, developing 21st century skills, and promoting life-long learning.

MSIP Standard: 6.1, 6.3, 6.4, 6.8, 9.1

Persons Responsible: Teachers, District Admin., Tech. Dir., Inst. Tech. Spec., C&I Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** All students will participate in instructional activities driven by technology-enriched curriculum that results in high academic achievement and performance.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Teachers will be trained in using technology to support instruction.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** The district will continue to expand technology resources, including equipment, instructional software, and online resources within each building that meets the assessed needs of students and supports high levels of academic achievement.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** The district will develop and implement a technology curriculum for grades K-12 that is aligned with NETS for students and that promotes the development of 21st century skills for life-long learning.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

5. **Action Step:** The district will consider creating a full-time Instructional Technology Specialist position to provide training and support to teachers and students and will assess the need for additional staff to assist in computer labs.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

6. **Action Step:** Each school will develop and implement a plan for more effective use of available technology resources by teachers and students such as computer labs, instructional software, and online instructional resources.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

2. **Strategy:** The district will utilize technology to expand and support student learning outside the normal school day.

MSIP Standard: 6.3,6.4,6.8,9.1

Persons Responsible: C&I Dir., Teachers, Tech. Dir. District Admin., Inst. Tech. Spec.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** The district will continue to expand technology resources within each building to allow for greater access to equipment, instructional software, and online resources for students.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** The district will continue to provide an open computer lab in the HS Media Center for student use before and after school hours and will consider offering the same access at other grade levels.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** The district will develop and implement Sharepoint Services to provide students and staff with an online portal for collaboration and instructional support.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** All building websites will be expanded to include links to online resources for parents and students.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Strategy:** All students in grades K-8 will read at or above the 75thile as measured by universal screeners and standardized tests through technology supported instruction and inquiry based learning strategies.

MSIP Standard: 9.1,9.2

Persons Responsible: C&I Dir., Reading Coor., Building Principals, Teachers

Funding Source Name: Prop C, Title I, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** The district's instructional technology specialist will collaborate with building media specialists to provide instruction and support in inquiry based learning at all grade levels.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** The district will continue to expand technology resources, including equipment, instructional software, and online resources within each building that meets the assessed needs of students and supports high levels of academic achievement.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** The district will investigate implementing a web based management system of student performance using Curriculum Based Measurements (CBM's) so that online access will be available for all teachers and administrators.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** The district will continue to use Excel workbooks to manage and report student progress to all stakeholders.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

5. **Action Step:** The district will continue to use SRI for all students in grades 5-9 and for special needs students in grades 10-12.

Date To Implement Action Step: 08/01/2009

Date of Completion: 06/30/2014

4. **Strategy:** The district will provide access to alternative instructional programs and strategies such as high school credit recovery and dual credit options, distance learning, and virtual schools.

MSIP Standard: 6.3,6.4,9.1,9.2

Persons Responsible: C&I Dir., HS Admin., Teachers

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** The district will continue to use and expand the A+ software program for alternative instruction and credit recovery at MS and HS.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** The district will assess the need for and explore options for distance learning resources and virtual school instruction as a means to provide alternative instructional programs.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Objective:** By 2012, the district will increase the percentage of students who meet the technology literacy standards by the end of 8th grade to 100%, as measured by a local technology literacy assessment based on NETS*S.

MSIP Standard: 6.1, 6.2, 6.3, 6.4

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	80%			N/A
2009 - 2010		85%		N/A
2010 - 2011		90%		N/A
2011 - 2012			100%	N/A

Comments: METSP Goals Addressed: S2 Progress Measures and Data Analysis: NETS*S, Technology Performance Assessment, Student Surveys, Census of Technology

1. **Strategy:** The district will revise the written curriculum to include the NET*S standards and achievement rubrics for grades K-12.

MSIP Standard: 6.1,6.4,6.8

Persons Responsible: C&I Dir., Tech. Dir., Building Principals, Teachers

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Incorporate informational technology literacy skills based on NETS and rubrics for student, grades K-12 into the written curriculum.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** The district will continue to use Type to Learn keyboarding software beginning in grades 2-3.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Students will continue to use software such as MS Office w/Learning Essentials, Photoshop, Illustrator, etc. for publishing and communication.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Strategy:** The district will develop and implement assessments for technology competency based on NETS*S (National Educational Technology Standards for Students) rubrics at grades 2, 5, 8 and prior to graduation.

MSIP Standard: 6.1,6.4,6.8

Persons Responsible: Teachers, Tech. Dir., C&I Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2012

1. **Action Step:** Utilize the NETS*S achievement rubric to guide and monitor student technology literacy.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** As part of the curriculum revision process the district will adopt and implement a formal technology literacy assessment to be given at the end of grades 2, 5, 8 and prior to graduation (either vendor-created or locally created).

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **GOAL:** Recruit, attract, develop, and retain highly qualified staff to carry out the LEA (local educational agency)/District mission, goals, and objectives.

1. **Objective:** 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: 6.3,6.4,6.7,6.8

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	13.5%			N/A
2009 - 2010		25%		N/A
2010 - 2011		50%		N/A
2011 - 2012			75%	N/A

Comments: METSP Goals Addressed: T1, TS1 Progress Measures and Data Analysis: Census of Technology, Annual Teacher and Staff Surveys, Annual Technology Program Reports, Technology Training Evaluations, PDC/PLC Report Data

1. **Strategy:** The district will provide professional development that promotes differentiated learning through the use of technology that will sustain and allow for growth in technology integration.

MSIP Standard: 6.3,6.4,6.7,6.8

Persons Responsible: Asst. Superintendent, C&I Dir., Tech. Dir., Inst. Tech. Spec.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Consider additional options for training times other than during the school day such as early release days, after school, evening, and summer.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

2. **Action Step:** Evaluate effectiveness of current technology training and utilize a training needs survey to help drive professional development.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

3. **Action Step:** Continue to provide training on technology integration for inquiry-based learning.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** Offer administrators training on new instructional technologies.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

5. **Action Step:** Continue to develop and provide online tutorials for specific technology skills, and utilize web-based training through online resources such as eLearning for Educators in Missouri and Microsoft in Education.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

6. **Action Step:** Utilize Sharepoint Services to provide a technology training portal through the district's intranet site.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

7. **Action Step:** Utilize training offered by outside organizations such as Morenet, CSD, SuccessLink, etc.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

8. **Action Step:** Utilize teachers with advanced technology skills as trainers and mentors for other teachers.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Objective:** By 2012, all teachers will implement inquiry-based instructional strategies as measured by the PBTE.

MSIP Standard: 6.1,6.4,6.7

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	50%			N/A
2009 - 2010		65%		N/A
2010 - 2011		85%		N/A
2011 - 2012			100%	N/A

Comments: METSP Goals Addressed: T1, T2 Progress Measures and Data Analysis: Performance Based Teacher Evaluations (PBTE), Curriculum Guides, Census of Technology, Staff and Student Surveys, eMints Instructional Model

1. **Strategy:** Teachers will develop inquiry-based curriculum and instructional activities and have access to support and training in utilizing technology to implement, deliver, monitor, and assess such curriculum and instruction.

MSIP Standard: 6.1,6.4,6.7

Persons Responsible: Asst. Superintendent, C&I Dir., Inst. Tech. Spec., Teachers

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 08/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Teachers will receive training on how to develop and implement inquiry-based curriculum and instruction.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

2. **Action Step:** PBTE will be modified to include an element about inquiry-based instruction.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

3. **Action Step:** Teachers will receive training on using technology to support inquiry-based learning as part of the district's technology training program.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

4. **Action Step:** The district's Instructional Technology specialist will continue to provide instructional support for using technology to implement, monitor, and assess inquiry-based learning.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2012

3. **Objective:** All teachers and students will have access to educational technology that supports high quality instruction commensurate with state averages.

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

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	80%			N/A
2009 - 2010		85%		N/A
2010 - 2011		95%		N/A
2011 - 2012			100%	N/A

Comments: METSP Goals Addressed: T1, R1 Progress Measures and Data Analysis: Census of Technology, Annual Technology Program Report, Technology Inventory Data, TCO Data, Network Analysis Data, Staff and Student Surveys

1. **Strategy:** Up-to-date technology tools and resources will be readily available to support curriculum objectives.

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

Persons Responsible: C&I Dir., District Admin., Tech. Dir., District Tech. Comm.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Review and evaluate the current schedule for adding or replacing technology.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

2. **Action Step:** Continue adding technology tools at each grade level (computers, interactive boards, projectors, instructional software, etc.).

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Continue the four-year computer replacement cycle and use the replaced computers to supplement outdated classroom computers.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** Investigate low cost solutions to increase the number of Internet connected, multimedia computers available for student use (Xtenda thin client, mini notebooks, mobile laptop carts, etc.).

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

5. **Action Step:** Each school will have at least one current Internet connected, multimedia equipped computer lab with grade level specific instructional software as well as Synchroneyes for classroom management and instruction.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

6. **Action Step:** Each school will have access to instructional streaming media through United Streaming and cable TV.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

7. **Action Step:** Every district computer will have the MS Office Pro Suite with Learning Essentials add-ins.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

8. **Action Step:** All teachers will have access to the district's Sharepoint site to collaborate with other staff schedules through Outlook calendars, and to facilitate instruction.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Objective:** Staff will improve their level of proficiency in using technology.

MSIP Standard: 6.4,6.7,6.8

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	70%			N/A
2009 - 2010		75%		N/A
2010 - 2011		80%		N/A
2011 - 2012			85%	N/A

Comments: METSP Goals Address: T2 Progress Measures and Data Analysis: Census of Technology, Staff Surveys, Local Skills Assessment, NETS*T

1. **Strategy:** The district will provide professional development for administrators, teachers and support staff that result in technology proficiency.

MSIP Standard: 6.4,6.7,6.8

Persons Responsible: Asst. Superintendent, C&I Dir., Tech. Dir., Inst. Tech. Spec.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Consider additional options for training times other than during the school day such as early release days, after school, evening, and summer.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Include technology proficiency in the district's Staff Needs Assessment and implement a computer-based skills assessment to help drive professional development.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

3. **Action Step:** Establish minimum requirements for professional development for technology proficiency that is aligned with NETS for teachers and administrators, and provide a tiered technology training program with levels from basic skills to advanced integration.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

4. **Action Step:** Evaluate the effectiveness of current technology training and expand the program to include both certificated and support staff.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

5. **Action Step:** Continue to develop and provide online tutorials for specific technology skills, and utilize web-based training through online resources such as eLearning for Educators in Missouri and Microsoft in Education.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

6. **Action Step:** Utilize Sharepoint Services to provide a technology training portal through the district's intranet site.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

7. **Action Step:** Utilize training offered by outside organizations such as Morenet, CSD, SuccessLink, etc.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

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

1. **Objective:** All teachers and students will have instructional resources and equipment to support and extend all curriculums.

MSIP Standard: 6.2,6.3,6.4,6.8,7.1,7.2,7.3,7.4,7.5,7.6

Progress Measure :

School Year	Baseline	Progress	Target	Target Met
2007 - 2008	60%			N/A
2008 - 2009		70%		N/A
2009 - 2010		80%		N/A
2010 - 2011			90%	N/A
2011 - 2012			90%	N/A

Comments: METSP Goals Addressed: S1, T1, A2, R1, TS1 Progress Measures: Census of Technology, Staff and Student Surveys, Annual Technology Program Report, Hardware, Software, & Textbook Inventories, MSIP AQ, TCO Data, Tech Budget Data, Athena Library System Data, Email/Telco System Data, Network Utilization Data,

1. **Strategy:** The district will ensure equitable access to a broad range of technology resources for all students and staff to support differentiated instruction, 21st Century Skills, assistive technology needs, and alternative technology learning systems.

MSIP Standard: 6.2,6.3,6.4,6.8,7.1,7.2,7.3,7.4,7.5,7.6

Persons Responsible: District Admin., Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Continue to provide Internet and LAN connected computers in each media center as well as at least one separate computer lab in each building.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Continue to increase the number of computers available to students in the classroom through additional Xtenda terminal service devices, computers rotated out of labs and from staff; explore feasibility of mobile laptops on a cart that can be shared; consider class scheduling options in secondary grades that make optimum use of classrooms with computers.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Continue to provide a computer to each teacher, administrative staff member, and support staff members as needed and provide a computer in every building staff workroom.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** Maintain a four-year computer replacement cycle that ensures systematic and timely deployment of the new computers as well as the relocation of the replaced computers in classrooms for student use.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

5. **Action Step:** Continue to install interactive white boards, projectors, in all classrooms K-12 and provide other multimedia resources (digital cameras, camcorders, scanners, document cameras, mobile projectors and computers) to be shared by classrooms in each school.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

6. **Action Step:** Continue to add curriculum based software to support instruction at all grade levels.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

7. **Action Step:** Continue to provide assistive technology resources as required by special needs students and staff.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

8. **Action Step:** Continue to use and expand the A+ Learning System at HS as an alternative learning program and for credit recovery.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

9. **Action Step:** Continue to provide access to online resources available through Morenet (eThemes, Ebscohost, Newsbank, Learning Express Library, Gale Discovering Collection, etc.).

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

10. **Action Step:** Continue to provide and expand access to United Streaming for on-demand video resources to all schools.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

11. **Action Step:** Implement Microsoft Learning Essentials add-in module for Microsoft Office at all grade levels.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Strategy:** Appropriate technology tools will be used for collecting, analyzing, and reporting data to determine the district instructional and administrative needs and to assess and monitor the progress made toward

meeting the district's comprehensive school improvement plan.

MSIP Standard: 6.2,6.3,6.4,8.1,8.2,8.7

Persons Responsible: District Admin., Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Continue to utilize online reporting from DESE for student achievement reporting and analysis.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Utilize local online surveys of students, staff, and parents to determine needs and progress in meeting the district's CSIP and technology plan and provide appropriate access for administrative staff and faculty to the district's intranet site for viewing reports and collaborating on gathered data.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2011

3. **Action Step:** Utilize DESE's ePeGS online system to annually update the progress made toward meeting the district's comprehensive school improvement and technology plan and provide view access to staff as appropriate.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

3. **Strategy:** The district will continue to identify, establish or update and support standards for essential hardware, software, infrastructure, and connectivity to support high quality instruction and high level academic performance throughout the district.

MSIP Standard: 6.3,6.4,6.6,6.8,7.1,7.2,7.3,7.4,7.5,8.1

Persons Responsible: District Admin., Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Continue to analyze Internet connection bandwidth and infrastructure requirements annually and update as required (servers, switches, wireless equipment, security, Internet content filtering, and other system software and resources).

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Each building technology committee will establish a basic technology resource standard for each classroom.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Continue to provide sufficient electrical and data capacity in administrative and instructional areas.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** Continue to provide copiers in each building that can be accessed through the data network for printing and supplement with network printers as needed to maintain sufficient printing capacity.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Strategy:** The district will maintain infrastructure and services including LAN and WAN connectivity, Internet connectivity, that is robust, reliable, and secure to support and improve all instructional and administrative processes.

MSIP Standard: 6.3,6.4,6.8,7.1,7.2,7.3,7.4,8.10,8.5,8.11

Persons Responsible: Tech. Dir., Tech. Dept. Staff

Funding Source Name: Local Funds, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Continue to annually analyze Internet connection bandwidth and infrastructure requirements and update servers, switches, wireless equipment, security, Internet content filtering, and other system software and resources as required.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Continue to provide leased point-to-point multimegabit WAN bandwidth from Black Hawk Middle School to High School and Warrior Ridge Elementary and add to leased services as needed to include future locations.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Continue to provide digital and analog telephone service, including long distance service and DSL (as needed) to support the district's telecommunication requirements.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** Continue to provide cellular phone service to personnel as needed.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Objective:** By June 2010, at least 85% of staff and students will indicate appropriate and safe use of technology tools and resources that promote personal, academic, and career needs as measured by MSIP AQ and local surveys.

MSIP Standard: 6.4,6.7,6.8,7.1,7.2,7.3,7.4,7.5,7.6,8.1,8.10,8.2,

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	70%			N/A
2009 - 2010		85%		N/A
2010 - 2011		90%		N/A
2011 - 2012			95%	N/A

Comments: METSP Goals Addressed: S1, S2, T1, T2, A2, R1, TS1 Progress Measures: MSIP Advanced Questionnaire, Staff and Student Surveys, Staff and Student AUPs, Network Utilization and Content Filtering

Data

1. **Strategy:** The district will use the MSIP Advanced Questionnaire along with a local survey conducted annually to assess the appropriate and safe use of technology resources by students and staff including needs for access to appropriate technology and training in the appropriate and safe use of technology.

MSIP Standard: 8.10,8.11

Persons Responsible: Tech. Director. Bldg. & District Tech. Committees

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2010

1. **Action Step:** A technology survey component will be developed and included in the district-wide comprehensive CSIP survey that will be conducted annually.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

2. **Strategy:** The district will continue to establish and update technology policies and procedures to ensure the effective and safe use of technology resources including but not limited to acceptable use policies for students, staff, and guests, network security, Internet filtering, disaster recovery, security for mobile devices, equipment replacement cycle, technical support procedures, copyright and software licensing, student and staff literacy standards.

MSIP Standard: 6.4,6.7,6.8,7.1,7.2,7.3,7.4,7.5,7.6,8.1,8.10,8.2,

Persons Responsible: District Admin., Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** All current policies and procedures related to technology use will be reviewed annually and updated as required.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** A security policy for the use of mobile computing devices will be developed and implemented.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** NETS for Students, Teachers and Administrators will continue to be the standard for technology literacy as adopted by the Board of Education.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** All students, K-12, will receive instruction on safe and proper technology use as indicated in the district's Acceptable Use Policy at the beginning of each school year.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

5. **Action Step:** Each building or department will instruct its staff on safe and proper technology use at the beginning of each school year.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Strategy:** The district will adopt and implement an online safety curriculum for all students, grades K-12.

MSIP Standard: 6.1,6.3,6.4,6.5,6.6,6.7,8.3,8.11

Persons Responsible: C&I Dir., Tech. Dir., Inst. Tech. Spec., Teaching Staff

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2010

1. **Action Step:** Consider Netsmartz curriculum (or equivalent) to instruct students about online safety and contact Morenet about training for staff.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

2. **Action Step:** Consider utilizing video resources from M.U.S.I.C. on cyber-bullying and other online safety issues to instruct students and staff each year.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2010

3. **Objective:** Annually the district will provide adequate and effective technical and instructional support for technology users.

MSIP Standard: 6.3,6.4,6.5,6.7,7.1,7.2,7.3,7.4,8.10,8.5

Progress Measure:

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

Comments: METSP Goals Addressed: S1, T1, A2, R1, TS1 Progress Measures: Census of Technology, Technology Help Desk Statistics Reports, Staff and Student Surveys

1. **Strategy:** The district will continue to provide adequate technical support through district technical personnel and outside vendor support.

MSIP Standard: 6.4,7.1,7.2,7.3,7.4,8.10,8.5

Persons Responsible: Tech. Dir.

Funding Source Name: Local Funds, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 07/01/2014

1. **Action Step:** In addition to full time technical staff the district will hire seasonal workers during the summer and other high demand periods such as at the beginning of the school year.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** The district will utilize outside local vendors for infrastructure and equipment deployment as needed.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Strategy:** The district will expand its instructional technology support and assistance to teachers in the integration of technology for all grade levels through qualified district personnel and outside instructional support services.

MSIP Standard: 6.3,6.4,6.5,6.7,7.1,7.2,7.3,7.4

Persons Responsible: Asst. Superintendent, C&I Dir., CFO, Tech. Staff

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Provide a full time Instructional Technology Specialist for the district.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Continue to send teachers and tech support staff to Morenet Technology conferences and METC each year.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Utilize CSD and Morenet along with equipment vendors as resources to deliver training and ongoing support in the use of technology in the classroom.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Objective :** Continue the use of integrated data management systems for administrative functions including but not limited to student information, attendance, grading system, library catalog, transportation, financial accounting system; update annually as needed.

MSIP Standard: 6.3,6.4,6.5,6.6,6.8,7.5,8.5,8.6,8.7,8.9,8.12,8.13

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	75%			N/A
2009 - 2010		85%		N/A
2010 - 2011		95%		N/A
2011 - 2012			100%	N/A

Comments: METSP Goals Addressed: S1, T1, A2, R1, TS1 Progress Measures: Census of Technology, SIS and SISFin Reports, Athena Library System Reports, Annual Tech Program Report to Board of Education

1. **Strategy :** The district will continue to use an integrated student information management system (for demographic information, grades, attendance, discipline, medical, etc.) that provides secure web and LAN access to approved staff as well as access to parents through a secure parent portal.

MSIP Standard: 6.3,6.4,6.5,6.6,7.5,8.7,8.8,8.9,8.12,8.13

Persons Responsible: CFO, Student Data Coordinator, Tech. Staff

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 10/01/2008

Date of Completion: 06/30/2014

1. **Action Step:** Migrate to SIS web-based student records management system providing an improved parent portal and out of district network access for staff.

Date To Implement Action Step: 10/01/2008

Date of Completion: 08/01/2009

2. **Action Step:** Provide appropriate staff training in new web-based SIS program.

Date To Implement Action Step: 10/01/2008

Date of Completion: 06/30/2014

3. **Action Step:** Provide information and support to parents on how to use the new SIS web-based parent portal.

Date To Implement Action Step: 09/01/2009

Date of Completion: 06/30/2014

2. **Strategy:** An effective and updated online library catalog system will be available as a shared resource for staff and students in each school, grades K-12.

MSIP Standard: 6.8,8.7,8.9

Persons Responsible: C&I Dir., Media Specialists, Tech. Staff

Funding Source Name: Local Funds, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Continue to use Athena library catalog system in all schools.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Evaluate other library catalog systems that will provide one shared online database across the district for purchase and implementation.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2011

3. **Strategy:** The district will continue to use and update (as needed) the SISFin integrated financial accounting system, making it accessible by all approved staff through the district's network.

MSIP Standard: 8.5,8.6,8.7,8.9

Persons Responsible: CFO, Accounting Staff, Tech. Staff

Funding Source Name: Local Funds, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** In addition to the continued use of the current SISFin program, the district will consider implementing an online employment application processing program.

Date To Implement Action Step: 07/01/2009

Date of Completion: 12/31/2009

4. **Strategy:** The district will continue to use and expand the Versa Trans online transportation program to assist in planning for and providing efficient bus transportation for eligible students.

MSIP Standard: 8.1,8.9,8.14

Persons Responsible: CFO, Transp. Dir., Tech. Staff

Funding Source Name: Transportation, Local Funds, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Import digital street maps.

Date To Implement Action Step: 07/01/2009

Date of Completion: 08/31/2009

2. **Action Step:** Continue to provide login accounts and training for office staff in each school as needed.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

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

1. **Objective:** The district will provide at least 5 opportunities for parents/guardians to learn about the intellectual and developmental needs of their children at all ages and/or to participate constructively in their children's education.

MSIP Standard: 7.5,7.6

Progress Measure :

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	100%			N/A
2009 - 2010			100%	N/A
2010 - 2011			100%	N/A
2011 - 2012			100%	N/A

Comments: METSP Goals Addressed: A2 Progress Measures: Parent & Staff Surveys, MSIP AQ, School Reach Logs, Building Program Reports, Email & Telco Data

1. **Strategy:** Parents or guardians will be informed of all opportunities to learn about intellectual and developmental needs and to participate constructively in their child's education.

MSIP Standard: 7.5,7.6

Persons Responsible: Building Admin., Teachers, Support Staff

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Every building will have an open house/curriculum night.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Survey patrons to determine their exact needs regarding their learning options/parental needs.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Utilize School Reach to distribute school announcements to inform parents about school events.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** Elementary buildings will continue to distribute school calendars with year long events.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Objective:** The district will provide or arrange with other local groups, agencies, and organizations to provide educational, career education, recreational, cultural, enrichment, and/or other services for the local community.

MSIP Standard:7.5,7.6,8.8

Progress Measure :

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	4 local groups			N/A
2009 - 2010		6 local groups		N/A
2010 - 2011		8 local groups		N/A
2011 - 2012			10 local groups	N/A

Comments: METSP Goals Addressed: A1, A2 Progress Measures: Parent Surveys, Annual Technology Program Report to Board of Education, Community Feedback Through District Website.

1. **Strategy:** The district will provide opportunities to parents and community members to use district technology tools and resources to develop new skills to meet their continuing education needs as well as to visit instructional rooms to view student work that makes effective use of technology.

MSIP Standard: 7.5,7.6,8.8

Persons Responsible: CO Admin., Board of Education, Web Manager, Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Work with local community colleges, agencies, and community groups to develop a plan to offer computer training to patrons and parents of the community to help them improve their technology skills.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Continue to work with East Central College to offer courses for patrons and parents of the community.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Provide opportunities for parents and community members to observe effective use of technology through events such as open house, curriculum nights, and grade level presentations.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Objective:** Patrons, parents, staff, and students will have opportunities to discuss concerns with the district, file complaints, and serve on committees, including those required by state of federal regulations, to study specific issues and problems.

MSIP Standard: 7.5,7.6,8.3,8.8,8.9

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	Once each semester			N/A
2009 - 2010		Once each quarter		N/A
2010 - 2011		Once each quarter		N/A
2011 - 2012			Once each month	N/A

Comments: METSP Goals Addressed: A2 Progress Measures: Technology Planning Committee Roster, Parent Surveys, Community Feedback Through District Website, Annual Reports to Board of Education.

1. **Strategy:** The district will be proactive keeping patrons, parents, staff, and students informed of opportunities and make certain that all above entities are informed should a complaint need to be filed.

MSIP Standard: 7.5,7.6,8.8

Persons Responsible: CO Admin., Board of Education, Web Manager, Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Monthly/quarterly meetings with superintendent/Board of Education.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Research the possibility of setting up a comment section on web site.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Promote web site through district letterhead, and print web site on all major documents, progress reports, and report cards.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Strategy:** The district will continue to involve parents, community members, and business leaders in the technology planning process through membership on the district's Technology Planning Committee.

MSIP Standard: 7.5,7.6,8.3,8.8,8.9

Persons Responsible: District Technology Staff

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Develop Microsoft, Sharepoint Server as the district intranet site and for teacher web sites.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Objective:** By June 2014, the Warren County R-III School District will develop comprehensive plan to integrate technology driven communication tools for parent access to student and public information and communication tools for employee and school business.

MSIP Standard: 7.5,7.6,8.8,8.9

Progress Measure:

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

Comments: METSP Goals Addressed: A1, A2, TS1 Progress Measures: SIS Parent Portal Data, Annual Tech Program Report to Board of Education, Parent and Staff Surveys, Census of Technology, Email & Telco Data

1. **Strategy:** The district will continue to use a variety of technology tools and resources including but not limited to email, website, web-based parent portal, automated notification/communication system, online surveys, etc. to enhance communication between school and home, provide opportunities for input and feedback from parents and patrons in the community.

MSIP Standard: 7.5,7.6,8.8,8.9

Persons Responsible: CO Admin., Board of Education, Web Manager, Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Continue and further promote the use of Exchange email, School Reach, parent logs in SISK12, and the district's website to communicate school information to parents and community members.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Promote web site through district letterhead, and print web site address on all major documents-progress reports, and report cards.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Continue to provide contact information for staff (email and phone) on the district's website.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** Expand district web site to include: online form submission, event registration, surveys, and links for parent and community input and feedback.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

5. **Action Step:** Provide an improved Parent Portal to student information and progress such as grades, attendance, lunch balances, etc. by upgrading to SISK12.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Strategy:** The district will continue to provide and expand its intranet website to facilitate interactive communication and collaboration among staff members, faculty and students, faculty and parents.

MSIP Standard: 7.5,7.6,8.8,8.9

Persons Responsible: CO Admin., Board of Education, Web Manager, Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Develop Microsoft, Sharepoint Server as the district intranet site and for teacher web sites.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

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:** All board policies will be evaluated annually.

MSIP Standard:6.4,6.6,6.8,7.1,8.1,8.3,8.4,8.5,8.6,8.7,8.8

Progress Measure :

School Year	Baseline	Progress	Target	Target Met
2007 - 2008	100%			N/A
2008 - 2009			100%	N/A
2009 - 2010			100%	N/A
2010 - 2011			100%	N/A
2011 - 2012			100%	N/A

Comments: METSP Goals Addressed: A1 Progress Measures: CSIP, District Policies (AUP, Copyright, website), Board of Education Meeting Agendas and Minutes, State and Federal Program Reports, Census of Technology

1. **Strategy:** The district will continue to establish policies and procedures for technology use that support effective instruction and that are in compliance with federal and state requirements.

MSIP Standard: 6.4,6.6,6.8,7.1,8.1,8.7,8.8

Persons Responsible: Board of Education, Superintendent, Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** The district will continue to use an Internet content filtering system as required by CIPA.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** The district will continue to submit a Census of Technology Core Data Report to DESE each year.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Signed Acceptable Use Agreements will be required each year for staff, students, guests and will be tracked using SISFin for staff and SISK12 for students.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Objective:** Annually, the district will increase access to technology resources by refining the process for identifying and allocating funds for acquiring resources to meet improvement plan goals.

MSIP Standard: 6.4,6.8,8.5

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	70%			N/A
2009 - 2010		75%		N/A
2010 - 2011		80%		N/A
2011 - 2012			85%	N/A

Comments: METSP Goals Addressed: S1, T1, A2, R1, TS1 Progress Measures: Census of Technology, Technology Budget Data, Annual Technology Program Report to Board, Staff Surveys

1. **Strategy:** The district will maintain a dedicated budget for technology which is sufficient to obtain the hardware, software, infrastructure, connectivity, and maintenance needed to support all educational programs and administrative services.

MSIP Standard: 6.4,8.5

Persons Responsible: CFO, Tech. Dir.

Funding Source Name: Local Funds, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** The Tech Director will continue to work with district administrators, the District Technology Planning Committee, and the individual Building Technology Committees to determine annual budget needs for technology.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Strategy:** The district will maintain a sufficient budget to cover TCO (total cost of ownership) that includes acquisition, required connectivity and infrastructure, support personnel and supplies, replacement or

updating hardware, required software and peripherals.

MSIP Standard: 6.4,6.5,8.5

Persons Responsible: CFO, Tech. Dir.

Funding Source Name: Local Funds, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Annually, the Tech Director will include line items to cover TCO in the district's technology budget.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Strategy:** The district will establish an adequate budget for professional development activities related to the effective and safe use of technology that is aligned with the NETS for teachers and administrators.

MSIP Standard: 6.4,8.5

Persons Responsible: CFO, Tech. Dir., Inst. Tech. Spec.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Each year the Instructional Technology Specialist, assisted by the Tech. Dir., will submit a budget request for technology training.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Strategy:** The district will continue to apply for funding through the Universal Service Fund (eRate) each year to obtain and support technology resources.

MSIP Standard: 6.4,8.5

Persons Responsible: Tech. Dir.

Funding Source Name: Local Funds, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1.**Action Step:** N/A

Date To Implement Action Step:

Date of Completion:

5. **Strategy:** The district will continue to seek supplemental funding through available federal, state, local and business grants.

MSIP Standard: 6.4,8.5

Persons Responsible: CFO, Tech. Dir., C&I Dir., Inst. Tech. Spec.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

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

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Continue to allocate funds generated from the Sprint Broadband Transfer Lease Agreement for technology.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Continue to provide staff with information on available grants as published in various media resources (DESE Instructional Technology Newslines, Tech and Learning, eSchool News, etc.)

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** Continue to work with technology vendors to take advantage of manufacturer funding through grants, rebate programs, etc.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Objective:** The district will continue to provide leadership in the implementation and use of district's technology resources.

MSIP Standard:6.1,6.3,6.4,6.7,6.8,7.1,7.2,7.3,7.4,7.5,7.6,8.1,8

Progress Measure :

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	100%			N/A
2009 - 2010			100%	N/A
2010 - 2011			100%	N/A
2011 - 2012			100%	N/A

Comments: METSP Goals Addressed: A1 Progress Measures: Census of Technology, Annual Technology Program Report to Board of Education, Staff, Student and Community Surveys, Annual Technology Plan Review and Evaluation

1. **Strategy:** The 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: 6.1,6.3,6.4,6.8,7.1,7.2,7.3,7.4,7.5,7.6,8.1,8.2,8

Persons Responsible: Board of Education, Superintendent, Asst. Superintendent, Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** Technology personnel will be added as needed to maintain effective and timely support of technology resources.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Seasonal help will be employed or contracted to supplement the technology department staff as needed during high demand periods.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Strategy:** The district will establish and update effective long-range strategies detailing how technology supports teaching and learning, and administrative process and how it helps to meet the goals, objectives, and strategies of the district's CSIP.

MSIP Standard: 6.1,6.3,6.4,6.8,7.1,7.2,7.3,7.4,7.5,7.6,8.1,8.2,8

Persons Responsible: Board of Education, District Admin., Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/30/2014

1. **Action Step:** The district will maintain a district level technology planning committee with broad representation (teachers, administrators, support staff, students, parents, community leaders, Board of Education, business experts) who will meet throughout the school year.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Each school will maintain a building level technology planning committee with appropriate membership who will meet throughout the school year.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **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 for approval every three years.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Objective:** The district will implement an integrated data management system to improve operational efficiency of instructional programs.

MSIP Standard:6.2,6.3,6.7,7.1,7.2,7.3,8.1,8.2,8.6,8.7,8.8,8.9,8

Progress Measure:

School Year	Baseline	Progress	Target	Target Met
2008 - 2009	100%			N/A
2009 - 2010			100%	N/A
2010 - 2011			100%	N/A
2011 - 2012			100%	N/A

Comments: METSP Goals Addressed: A1, A2 Progress Measures: Census of Technology, SIS & SISFin Data, Email/Telco Data, Annual Program Reports to the Board of Education, Technology Inventory Data, Network Utilization Data

1. **Strategy:** The district will continue to implement effective and efficient administration, data management, and communication processes through the use of technology that supports teaching and learning.

MSIP Standard: 6.2,6.3,6.7,7.1,7.2,7.3,8.1,8.2,8.6,8.7,8.8,8.9,8

Persons Responsible: Superintendent, CFO, Tech. Dir.

Funding Source Name: Prop C, Local Funds, Basic Formula - State Monies, Basic Formula - Classroom Trust Fund

Date to Implement Strategy: 07/01/2009

Date of Completion: 06/03/2014

1. **Action Step:** Continue to use SIS for comprehensive student records data management.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

2. **Action Step:** Continue to use SISFin for financial data management.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

3. **Action Step:** Continue to use Exchange email services.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

4. **Action Step:** Continue to expand the district's web site through SOCS Web Hosting Services to further enhance school to home and community communications.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

5. **Action Step:** Continue to use School Reach for automated notifications.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

6. **Action Step:** Continue to review other software available for administrative functions.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

7. **Action Step:** Contact other districts to see what programs they are using and visit if needed.

Date To Implement Action Step: 07/01/2009

Date of Completion: 06/30/2014

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.

During each year of the 2009-12 Technology Plan, the District Technology Committee along with the Building Technology Committees will provide timely and ongoing monitoring of all strategies as part of their regular meetings. The progress measurement tools identified with each objective will be used to review and evaluate the status and effectiveness of technology in each of the five Technology Focus Areas. The following process and accountability measures will be used to monitor and evaluate this plan: 1. Using the timeline identified with each action step, the person(s) responsible for that strategy will provide progress reports to the District Technology Committee, once in the fall and once in the spring, including details of the status of each action step, the data used in determining the progress made toward meeting the objective, and the impact on instruction and student performance according to state academic and tech literacy standards. 2. These reports will be documented using a form that will track the progress of each action step and a summary will be included in the annual Instructional Technology Program Report to the Board of Education. This annual report will be available on the district's website to students, staff, parents and community members. 3. The following scale will be used to evaluate the progress made toward completing each action step and strategy: 0 Action step not completed 1 Action step not completed but work has begun 2 Action step is more than 50% complete 3 Action step completed as stated or is ongoing as required 4 Action step completed and exceeded 4. Progress will be noted for each objective on ePeGS annually.



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.