
2009-2012 Technology Plan

East Lynne District 40

Approved by East Lynne 40 School Board
March 11 2009

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Introduction

East Lynne District 40 is a small K-8 accredited district serving 179 students in the southeast corner of Cass County. Our CSIP is currently under review. Our school services an area covering approximately 36 square miles with a population of approximately 300(2000 census). Similar to the rest of Cass County our population is expanding due to the addition of two new subdivisions in the city limits.

Cass County as stated previously is a rapidly growing county. In the ten years between the 1990 and 2000 census the population increased by 29 percent. The population of the county as of 2007 was 97,133(US Census Bureau) in an area of 699 square miles. In Cass County the median family income in 2005-2007 was \$58376.(2005-2007 ACS Three-Year Estimates) The largest percentage of occupations is in the private sector (80%) with government and self employed being the remainder, 12 and 8 percent respectively.

Our greatest resources are our staff and our parent volunteers. Due to our small size we have a smaller student to teacher ratio and this gives us the ability to give more personalized attention to our students. We wouldn't be able to deliver East Lynne's extracurricular school activities without staff and parental support.

Technology Plan Overview

The format of this technology plan will differ from previous in that it will organize the information differently. The introduction of the ePegs system has caused the information to be ordered from the state mandated goals down to the district's tasks to be completed to achieve the goals or in other words action plan. Our main goal as stated in the current CSIP is to increase all students' knowledge of the core subject areas and to provide other experiences to enable them to live healthy and satisfying lives.

Technology Committee

The Technology Committee consists of: computer lab teacher, parent, school technician, and administrator. Following the direction of our previous plan many changes have occurred in our school. Nearly all of our technological upgrades have occurred. Surveys have been created to address evaluation of staff instruction, MAP and ITBS scores have been evaluated to address student progress and reports have been created to assess this as well.

Mission Statement

East Lynne School: Where every learner succeeds!

The primary goals of the East Lynne School District are that:

- 1) Students will read and write on grade level when they transition to High School.
 - 2) Students will compute Mathematics on grade level when they transition to High School.
 - 3) Students will demonstrate a grade level understanding of Science principles when they transition to High School.
 - 4) Students will demonstrate a grade level understanding of world cultures, geographic principles and the governmental systems of the United States.
 - 5) Students will have experiences which will help them live proud, satisfying, and healthy lives (P.E., health, guidance, athletics, and fine arts).
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Needs Assessment

The technology committee reviewed the previous technology plan to assess if goals were met. Also, performance indicators mentioned in previous technology plan were reviewed to assess our district's progress during the previous 3 years. The current and future needs of our district were determined using these indicators. Results are available upon request. The current CSIP is under review and a district wide needs assessment will be available in ePegs sometime during the 2009 summer.

Student Learning

1. Goals

Develop and enhance quality educational/instructional programs to improve performance and enable students to meet their personal, academic, and career goals.

1. Objective

Annually, the district will identify, obtain, and/or secure the resources needed to support quality educational programs and services.

Progress Measure-This objective will monitored and evaluated through the use of staff surveys, progress indicators from learning programs and comparison checklist to ISTE/NETS standards. All will be assessed by technology committee member.

1. Strategy District will use technology to help deliver, monitor, and assess student learning to meet student needs (such as integrated learning systems, computer-assisted instructional software, and electronic assessment tools). (MSIP 6.1, 6.2, 6.3, 7.1, 7.2, 7.3) (METSP S1) (MSIP 6.1, 6.3) (METSP S1, S2)

Persons Responsible: Teachers and Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2010

1.Action Step- Star reading assessments will be used to assess students' progress toward proficiency and to determine software needs.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2.Action Step- Annually all students K-6 will be Dibbles tested to assess students' progress toward proficiency and to determine software needs.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

3.Action Step- Annually all students K-8 test scores in Math Facts in a flash will be collected to assess the status of students' math progress.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

4.Action Step- Annually all students 2-8 AR goals will be set and monitored for completion.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2. Strategy District will use appropriate technology tools and resources for data collection and analyses to determine district needs and monitor progress. (MSIP 6.2, 6.3, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.7) (METSP A2)

Persons Responsible: Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2012

1.Action Step- Staff surveys will be used to assess delivery of instructional material and suggestions for improvement.

Date To Implement Action Step: 03/01/2009

Date of Completion: 05/20/2010

2.Action Step- National standards such as the ISTE/NETS framework will be used to assess our current level of technology implementation.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2. Objective

By 2012 all students in grades K-8 will increase MAP scores to meet state standards

School Year	Baseline	Progress	Target	Target Met
09-10	18.3		59.2	NA
10-11			67.4	NA
11-12			83.7	NA

1. Strategy District will provide equitable access to appropriate technology tools and resources that are varied and diverse and facilitate differentiated instruction (including electronic resources, assistive technologies, and technology-assisted alternative learning environments). (MSIP 6.2, 6.3, 6.4, 6.8, and 7.1, 7.2, 7.3, 7.4, 7.5, 7.6) (METSP R1, TS1, A2, S1, T1,)

Persons Responsible: School Board, Principal and Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2010

1.Action Step-The computer lab will be available during non-class times for classroom teacher use.

Date To Implement Action Step: 08/14/2009

Date of Completion: 12/14/2009

2.Action Step- The computer lab will have a document camera and projector available for classroom teacher use.

Date To Implement Action Step: 04/01/2009

Date of Completion: 05/20/2009

3.Action Step- A portable smart board is available for staff use.

Date To Implement Action Step: 04/01/2009

Date of Completion: 05/20/2012

2. Strategy- All students will engage in rigorous instruction driven by technology-enriched curriculum that meets students' assessed needs, results in high levels of academic achievement and performance, and fosters life-long learning. (MSIP 6.1, 6.3) (METSP S1, S2)

Persons Responsible: Principal and Teachers

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2010

1.Action Step- All students K-8 will have access to web based language arts and math programs to assess and provide practice of classroom concepts.

Date To Implement Action Step: 04/30/2009

Date of Completion: 05/20/2010

2.Action Step- Accelerated Math enterprise will be purchased to provide additional reinforcement and practice of math concepts taught in the classroom.

Date To Implement Action Step: 08/14/2010

Date of Completion: 05/20/2011

Highly Qualified Staff

2. Goals

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

1. Objective

Annually staff will improve their level of proficiency using technology, by 25 percent, as measured by the staff technological survey.

School Year	Baseline	Progress	Target	Target Met
09-10	0		25	NA
10-11	25		50	NA
11-12	50		75	NA

1. Strategy Teachers will use up-to-date technology tools and resources to support curriculum objectives; tools and resources are readily available for teacher and student use; and, training in the use of the tools and resources (such as eMINTS or equivalent) is provided. (MSIP 6.4, 6.7, 6.8) (METSP T1, T2)

Persons Responsible: Principal, Teachers and Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2012

1.Action Step Projectors will be installed in every classroom to provide teachers with the opportunity to use technological tools to deliver instruction.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2.Action Step- Purchase disk imaging software to allow teachers more freedom and control of their computers to facilitate use of technological tools to deliver instruction.

Date To Implement Action Step: 05/30/2009

Date of Completion: 08/14/2010

2. Strategy District curriculum will inspire educators to use research-based instructional strategies (such as eMINTS or equivalent) that are powered by technology and engage diverse learners in the excitement of learning through student-centered, collaborative, project-based, and inquiry-based activities.

Persons Responsible: School Board, Principal and Curriculum committee

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2012

1.Action Step- District curriculum will incorporate reference material that specifies web quests and the corresponding GLEs.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/01/2012

2.Action Step- The technical staff will assist teachers in readying lessons that involve technology in student-centered, collaborative, project-based, and inquiry-based activities.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2. Objective

District will establish professional development standards and opportunities for teachers and administrators to develop their capacity to effectively integrate technology into teaching and learning. (MSIP 6.7)

Progress Measure-This objective will monitored and evaluated through the use of staff surveys and comparison checklist to ISTE/NETS standards. All will be assessed by technology committee member.

1. Strategy : District will promote and provide effective leadership and professional development that promotes differentiated instruction through the use of technology and makes adequate plans for sustained and beneficial growth in technology integration and educator proficiency; district will use technology to help provide professional development (e-Learning for Educators program or equivalent). (MSIP 6.3, 6.4, 6.7, 6.8) (METSP T1, TS1)

Persons Responsible: Principal, Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2012

1.Action Step- Annually the PDC committee will be provided information on integrating technology into the classroom resources and training.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2.Action Step- Resources, hardware or software, will be purchased to facilitate on-line learning for staff in a group setting.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2011

2. Strategy- District will provide professional development for teachers and administrators that result in technology proficiency; professional development is aligned with NETS*T and NETS*A, the National Educational Technology Standards for Teachers and Administrators (or equivalent). (MSIP 6.4, 6.7, 6.8) (METSP T1, T2)

Persons Responsible: Principal, Professional Development Committee and Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2010

1.Action Step- Technical staff will partner with the professional development team to develop training that aligns with the National Educational Technology Standards for Teachers and Administrators.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2.Action Step-Training will be provided that supports teachers efforts to integrate technology into the classroom lessons.

Date To Implement Action Step: 08/14/2010

Date of Completion: 05/20/2012

Facilities, Support and Instructional Resources

3. Goals

Provide and maintain appropriate instructional resources, support services, and functional and safe facilities.

1. Objective

By June 2009, the district will develop a comprehensive plan to integrate data management systems for administrative functions (such as student information, attendance, grading system, library catalog, etc.).

Progress Measure-This objective will be monitored and evaluated through the use of CSIP review and review of administrative programs. All will be assessed by technology committee member.

1. Strategy The district will implement effective and efficient administration, data management, and communication processes through the use of technology that further supports teaching and learning. (MSIP 6.2, 6.3, 6.7, 7.1, 7.2, 7.3, 8.1, 8.2, 8.6, 8.7, 8.9, 8.11) (METSP A1, A2)

Persons Responsible: School Board, Principal and Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2010

1.Action Step The lunch module of the SIS program will be incorporated into the school's daily schedule which will remove that duty from the classroom teacher.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/01/2010

2.Action Step The curriculum module of SIS will be purchased to streamline the district's curriculum creation and management.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

3.Action Step- A new phone system will be purchased to improve communication with parents and community.

Date To Implement Action Step: 08/14/2010

Date of Completion: 05/20/2011

2. Strategy District will establish/maintain a sufficient budget to cover Total Cost of Ownership (a budget line item for technology based on a set percentage rate of the overall budget or per-pupil expenditure). (MSIP 6.4, 6.8, 8.8) (METSP A2)

Persons Responsible: School Board, Principal and Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2010

1.Action Step- The budget process will be reviewed to provide a guideline for the technology department to plan purchases.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/01/2012

2.Action Step- The technology department will submit an annual report detailing Total Cost of Ownership of the district's technological resources.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2. Objective

Annually, the district will identify, obtain, and/or secure the resources needed to support quality educational programs and services.

Progress Measure-This objective will monitored and evaluated through the use of staff and student surveys, review of AUPs and inventory spreadsheet review. All will be assessed by technology committee member.

1. Strategy : District will [use the AQ or develop an instrument] to assess the extent that personnel and students use appropriate and safe technology tools and resources to address personal, academic, and career needs, in a safe and responsible manner. (MSIP 8.5, 8.10, 8.11) (METSP R1, TS1, A2, S1, S2, T1, T2, A2)

Persons Responsible: Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2010

1.Action Step-A survey will be developed to assess staff and student usage of safe technology tools and resources.

Date To Implement Action Step: 08/14/2010

Date of Completion: 05/20/2011

2.Action Step The results of a safe technology tools usage survey will be compiled and used to develop programs for staff and students.

Date To Implement Action Step: 08/14/2011

Date of Completion: 05/20/2012

2. Strategy- District will establish/update technology policies and procedures related to technology hardware, software, connectivity, and technical support standards, including student and educator technology literacy standards (replacement cycle, acceptable use, Internet filtering, recovery and security systems). (MSIP 6.4, 6.7, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.1, 8.2, 8.3, 8.6, 8.7) (METSP A2, R1, TS1, S2, T2)

Persons Responsible: Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2010

1.Action Step-District will review AUPs annually and update as needed to keep pace with technological advances.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2.Action Step-Inventory worksheet will be updated to better give a vision of the district's age of equipment and total cost of ownership.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

Parent and Community Involvement

4. Goals

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

1. Objective

By June 2009, 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 (such as a district Intranet to access forms, applications, etc.).

Progress Measure-This objective will be monitored and evaluated through the use of parent and community surveys, and program purchase review. All will be assessed by technology committee member.

1. Strategy District will provide parents and community members with opportunities to visit instructional rooms and view student work that makes effective use of technology.

Persons Responsible: School Board, Principal and Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/01/2010

1.Action Step During parent teacher conferences and grandparent's day technological projects will be on display and available for viewing.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2012

2.Action Step Student created work that demonstrates effective use of technology will be presented on school website.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2. Strategy District will provide opportunities for parents and community to observe and use instructional technology; will involve a broad, diverse section of the community on the CSIP (and/or technology) planning committee; and will use technology to facilitate interactive communications among district staff, parents, and community members. (MSIP 7.5, 7.6, 8.2, 8.3, 8.8, 8.9) (METSP A1, A2)

Persons Responsible: School Board, Principal and Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/01/2010

1.Action Step- SIS hosted parent link module will be purchased to improve communication with community and enable teachers to become more involved in web page design.

Date To Implement Action Step: 08/14/2010

Date of Completion: 05/20/2011

2.Action Step-Staff email list will be compiled and distributed to parents.

Date To Implement Action Step: 06/01/2009

Date of Completion: 08/31/2009

3.Action Step- Diverse community members will be contacted to request their participation on the CSIP board. Sessions will be held to gather input from these members on the CSIP contents.

Date To Implement Action Step: 01/01/2009

Date of Completion: 05/20/2009

2. Objective

District will develop a comprehensive plan to aid community members in their need for technology and provide education to facilitate the proper use of technology.

Progress Measure-This objective will be monitored and evaluated through the use of parent and community surveys, project review and computer lab sign up sheets. All will be assessed by technology committee member.

1. Strategy : District will provide opportunities for parents and community members to use district technology tools and resources to develop new skills to meet their continuing education needs.

Persons Responsible: Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2012

1.Action Step- Procedures and policies will be developed to govern use of computer lab and library after school

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2.Action Step- Computer lab and library will be available for community use after school.

Date To Implement Action Step: 08/14/2010

Date of Completion: 05/01/2011

3.Action Step Survey will be created to assess technological needs of the East Lynne community to determine continuing education subject areas.

Date To Implement Action Step: 08/14/2011

Date of Completion: 12/20/2011

4.Action Step Free or nominal cost workshops will be available to the community to learn skills that were identified in survey.

Date To Implement Action Step: 01/14/2012

Date of Completion: 05/20/2012

2. Strategy-The district will provide opportunities to the public to learn safe technology tools usage.

Persons Responsible: Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2010

1.Action Step-A survey will be created and distributed to determine the level of internet safety knowledge in our community.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2.Action Step-Parent information sessions using Netsmartz resources will be held annually to encourage discussion about internet safety.

Date To Implement Action Step: 08/14/2010

Date of Completion: 05/20/2011

Governance

5. Goals

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

Annually, district teachers and students will have access to educational technology at rates comparable to state averages.

Progress Measure-This objective will monitored and evaluated through the use of comparison checklist to state averages, CEO STaR chart and internet usage log review. All will be assessed by technology committee member.

1. Strategy District will use appropriate technology tools and resources for data collection and analyses to determine district needs and monitor progress. (MSIP 6.2, 6.3, 6.8, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 8.7) (METSP A2)

Persons Responsible: Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2010

1.Action Step- The Census of Technology will be analyzed to determine how our district compares to others in the state and to identify areas that need improvement.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/01/2012

2.Action Step-The CEO Forum's interactive School Technology and Readiness (STaR) Chart will be completed annually to identify areas that need improvement.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2012

2. Strategy : Teachers will use up-to-date technology tools and resources to support curriculum objectives; tools and resources are readily available for teacher and student use; and, training in the use of the tools and resources (such as eMINTS or equivalent) is provided. (MSIP 6.4, 6.7, 6.8) (METSP T1, T2)

Persons Responsible: Technology Director

Funding Source Name: Local Funds

Date to Implement Strategy: 08/14/2009

Date of Completion: 05/20/2010

1.Action Step-The district will use reference materials such as eMints and eSchool News to identify recommended software and websites to educate our students and enhance learning.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2010

2.Action Step-Annually teachers will be given a listing of recommended software and websites compiled from state recommended websites.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2012

3.Action Step Annually teachers and technology staff will review software and websites to determine their effectiveness and work together to decide future purchases.

Date To Implement Action Step: 08/14/2009

Date of Completion: 05/20/2012

Additional Elements

The district will evaluate technological educational aids by aligning to state and federal standards as documented on the ISTE and eMINTS websites. The district has many math and communication arts evaluations that will be compared annually to assess technological aids impact on student learning.

□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 specified goals and make mid-course corrections in response to new developments and opportunities as they arise.