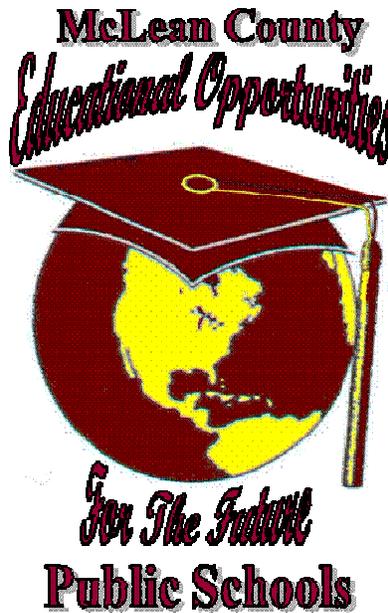


Technology Plan:  
McLean County Public Schools  
Calhoun, Kentucky



<http://www.mclean.kyschools.us>

Prepared Date: November 19, 2009

Update to Plan Date:

Plan Start Date: July 1, 2010

Plan Expiration Date: September 30, 2011

Approved Date: Pending Commonwealth Approval

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## Executive Summary

McLean County Public Schools uses technology to support teaching and learning in the classroom. Technology permeates our district with over 500 networked computers and Internet/e-mail access for every classroom. With approximately 1,600 students in our district, we are seeking to make technology an integral part of the curriculum with the internet and instructional software for grades K-12. This creates an environment where teachers and students become more proficient in using a wide variety of tools to enhance learning, problem solving, communication, collaboration, productivity and creativity. In addition, we hope to strengthen the home-school connection by expanding our district and school web sites with detailed information about school activities and by making our technology available to families and the community. Our long range plan includes upgrading our network frame relay system to wireless, an efficient and adequate telecommunication system maintained for effective internal communication between staff, as well as external communication with parents/guardians, community members, and state official.

This technology addendum documents our goals and objectives for the next few years that our contained in our Technology Plan.. We will be assisting our schools to incorporate these plans into their schools' comprehensive improvement plan.

Our district technology plan has been aligned with the Kentucky Master Plan for Education Technology ( located at:

<http://education.ky.gov/KDE/Administrative+Resources/Technology/Master+Plan/> and the National Educational technology Standards developed by the International Society for technology in Education (ISTE) in collaboration with the Milken Exchange on Education Technology.

This document and plan conveys the detail of our vision, goals, and objectives that support the McLean County Public Schools' Comprehensive Improvement Plan. Through this plan we hope to guide our schools in using technology to empower the learning community. We will continue to expand and revise this plan annually as we implement technology for our students, staff, and community.

# **CDIP Action Component Strategies**

## **Academic Performance**

- GS No. 1 Incorporate community resources to reduce the barriers to learning.
- GS No. 13 “Good News” component designed and implemented on District Web Page.
  
- GS No. 16 Provide PD for High and Middle school teachers in the area of Differentiated Instruction.
  
- GS No. 24 CTE Instructors attend workshops at Kentucky Teachers Conference for updates on Skills Standards and attend academic training sessions.

## **Reading**

- GS No. 1 MAPS will be used three times a year to identify 4th-9<sup>th</sup> grade gap students in the areas of Reading, Math, and Language.
  
- GS No. 6 Continue to provide as needed screen readers, scanners, and Read, Write, and Gold programs within the Special Education programs.

## **Learning Environment**

- GS No. 6 District will seek E-Rate funding to upgrade network system to wireless and for telecommunications.
  
- GS No. 7 Instructional Technologies will be added to upgrade technology as funds become available.

## **Math**

- GS No. 1 MAPS will be used three times a year to identify K-9<sup>th</sup> grade gap students in the areas of Reading, math and Language.
  
- GS No. 6 Continue to provide as needed screen readers, scanners, and Read, Write, and Gold programs within the Special Education programs.

## **Technology Vision and Goals**

Our District Technology Plan encompasses six component goals that integrate and web a comprehensive plan that focuses on Student Achievement through Technology. Each component consists of actions and strategies that support the component. The plan also documents a plan for monitoring and evaluating the plan.

### **Professional Development Goal**

To provide comprehensive professional growth opportunities for all certificate classified employees of the District to ensure improved student achievement across the grade levels and to meet the needs of the District's communities.

#### **Actions**

1. Train teachers in curriculum development and integration of technology.
2. Train teachers in the technology they plan to use in their instruction.
3. Train teachers in operation and troubleshooting equipment.
4. Train teachers in the curricular use of e-mail accounts.
5. Train teachers in the use of technology to find resources to enhance their own professional development.
6. Train Instructional Assistants to participate effectively in the instructional use of technology instruction.

#### ***Professional Development Strategies***

- Coordinate staff development opportunities in technology among schools.
- Facilitate the participation of teachers in distance learning opportunities.
- Facilitate participation of teachers and staff in professional conferences relating to the use of technology in the schools.
- Train teachers, administrators, and staff in the observance of copyright provisions.
- Train teachers, administrators and staff on the importance of Internet Safety.

## **Curricular Goals**

The District has identified two primary instructional goals: (1) provide all students with instruction reflective of education's current "best practices" to ensure improved student outcomes. (2) Provide all students with developmentally-appropriate instruction on the concepts, processes, and skills outlined in the District's Standards, the State Curricular Frameworks, and current reform documents.

## **Actions**

1. Identify and use cross-curricular teaching strategies through e-mail and the World Wide Web.
2. Encourage and provide teachers with the opportunity to create classroom instructional webpages
3. Provide all students, including those with special and exceptional needs, with equal access to an appropriate and technologically enriched curriculum.
4. Identify fundamental technology concepts and skills which students will need to master in order to make full use of technology in all curricular activities.
5. Identify and use specific strategies and technologies, which foster creativity, critical thinking, and problem solving skills in mathematics, the social sciences, science, and the visual and performing arts.
6. Encourage the development of technology programs.
7. Encourage and provide Administrators with the tools necessary to provide immediate feedback to teachers/staff.

### ***Curricular Strategies***

- Establish a District website and classroom webpages for teachers to use in sharing information and ideas relating to the use of technology in the curriculum.
- Review current research regarding the most effective integration of technology into the curriculum.
- Identify and implement a keyboarding curriculum K-12.
- Create a technology literacy assessment tool.
- Identify and implement a web-based handheld evaluation tool that is focused on curriculum planning, standards-based assessment, staff performance appraisals, data analysis and student management
- Work with teachers of students with special and exceptional needs to create technologically enhanced curriculum, which will best meet the academic and personal needs of those students.
- Establish partnerships with businesses to take advantage of their technological and human resources, to provide equipment and training and internships, and to work with the school to develop a plan to make the graduates more suitable for employment.

## **Equipment Goals**

McLean County schools must effectively use existing equipment and must provide students with new equipment as needed for the ever-changing Technologies.

1. Replace old file servers.
2. Upgrade Point-to-Point network service provided by Bell South for faster access speed and efficiency moving toward a combination of Fiber Optic and wireless system.
3. Provide wireless access in all buildings.
4. Provide a mounted projection system in each classroom for instruction.
5. Provide a sound amplification system in each elementary classroom.
6. Place emphasis on providing classrooms with up to date computers.
7. Coordinate the purchase of equipment in order to secure the best possible prices from state list.
8. Provide Administrators with a Blackberry/Smartphone with data, internet, and email services.
9. Determine the best possible use of the older equipment.
10. Designate STC at each school; more than one at the high school and middle school.

### **Equipment Strategies**

- Provide software and hardware to permit controlled access for teachers and staff to the Student Information System (SIS) and other District systems.

## **Technical Support Goals**

Adequately maintain sensitive equipment and provide adequate technical support is essential to the success of an instructional technology program.

1. Adequately support the position of District Technician Specialist.
2. Hire an on-site technician to diagnose problems and do simple repairs at each school.

### **Technical Support Strategies**

- Provide funding for adequate compensation for the District Technician.
- Encourage and facilitate the district in hiring a full-time Technology Coordinator.
- Survey schools for older, unused equipment technologies and coordinate their repair for use of keyboarding, word processing, and other applications.

## **Monitoring and Evaluating**

- The District Technology Coordinator will be responsible for monitoring and evaluating the progress of the Technology Plan. In order to do so, a district will:
- Meet at least two times during the school year to assess the implementation of the plan.
- Reassess the goals and activities in order to ensure that the plans reflect the current situation.
- Review and update inventory of equipment, software, and licenses.
- Assess the progress of professional development with regard to staff and student computer literacy.
- Assess the degree to which technology has been integrated into classroom instruction.
- Assess the degree to which technology has enhanced communications between the school and the community.

## **Funding Goals**

Creating a strong instructional technology program requires both new financial resources and the effective and creative use of existing funds.

## **Actions**

1. Coordinate and support grant writing efforts by individuals and teams from schools.
2. Monitor and review all funding sources.
3. Apply for E-rate to reduce cost of telecommunications, Internet access, and internal connections.
4. Consult with school in making effective use of all funding which relates to the District Technology Program.

### ***Funding Strategies***

- Apply for E-rate discounts from Federal Communications Commission.
- Apply for Title II-Part D
- Determine sources of funds for staff development
- Schools budget sufficient funds for consumable technology resources and for the regular and systematic maintenance of equipment
- Establish a technology trust fund.

## **Parent/Community Goals**

A strong relationship between schools and the communities they serve is needed for the success of an instructional technology program. The district is committed to enhancing such relationships.

### **Actions**

1. Enhance parent access to technology in homes and schools.
2. Enhance board member access to technology in homes for better communication to parents and community.
3. Provide access to the Student Information System Parent Portal.

### ***Parent/Community Strategies***

- Develop relationship with local city governments to facilitate community use of technology resources.
- Train parents to use computers and to access the District from homes and other sites.
- Continue to provide a web link for board members.
- Provide a web link so that parents and community can access board agendas
- Provide web link to the SIS Parent Portal

**Annual Budget Summary**

**School Year 2009-2010**

**Note: duplicate this page for each year as needed**

- List the professional development and technologies to be acquired during each year of the agency's plan.
- Note: At least 25% of the funds allocated to an LEA through the *Title IID ED Tech Program* (Competitive and Non-Competitive), must be allocated for professional development activities.

<b>Acquired Technologies and Professional Development</b>	<b>Ed Tech Competitive Title IID</b>	<b>Ed Tech Formula Title IID</b>	<b>E-Rate</b>	<b>NCLB/other than Title IID</b>	<b>KETS</b>	<b>Other (General Fund)</b>
Kyste		\$1000.00				
KTLC						\$2500.00
Computers & related Equipment (Network)		1500.00	\$(45917.37)		\$12000.00	\$6000.00
Software		897.00			\$50000.00	\$5000.00
Telecommunication			\$(72340.80)			\$18085.20
Other Computers and Related equipment (Title 1)						(Title 1) \$8000.00
<b>TOTAL</b>		\$3397.00	\$(118258.17)		\$17000.00	\$39585.20