

**SANDY GARRETT**  
**STATE SUPERINTENDENT OF PUBLIC INSTRUCTION**  
**OKLAHOMA STATE DEPARTMENT OF EDUCATION**



**2007 - 2010**  
**District Technology Plan**

Technology plans must be submitted for approval prior to the due date listed on your most recent technology plan approval letter. Submit your plan online or mail to:

Oklahoma State Department of Education  
Instructional Technology/Telecommunications  
2500 North Lincoln Boulevard  
Oklahoma City, Oklahoma 73105-4599

**DISTRICT INFORMATION**

County Name: Okmulgee County Number: 56  
District Name: Morris Public School District Number: 1003  
Superintendent: Mr. James Lyons  
Mailing Address: PO Box 80  
City, State Zip: Morris, OK 74445-0080

Contact Person: Tonja Bell, Technology Director  
Telephone: 918-733-4551  
Fax Number: 918-733-4681

# Morris Public School, 2007 - 2010 Technology Plan

## Introduction

### District Information

**District Name:** Morris Public School  
**County Name:** Okmulgee  
**County-District:** 56-I003  
**Superintendent:** Mr. James Lyons  
**Mailing Address:** PO Box 80  
Morris, OK 74445-0080

### Contact Information

**Contact Name:** Tonja Bell  
**Contact Title:** Technology Director  
**Contact Email:** tbell@morris.k12.ok.us  
**Contact Phone:** 918-733-4551  
**Contact Fax:** 918-733-4681

### Demographics

**Average Enrollment (ADM):** 1,024  
**Number of Certified Staff:** 67  
**Low Income Percentage:** 49  
**Number of School Sites:** 3

### Tech Plan Duration

**Beginning Year:** 2007  
**Ending Year:** 2010

### Technology Committee

James Lyons, Superintendent; Andrew Ewton, HS Principal; Greg Large, MS Principal, Ronald Martin, ES Principal; Tonja Bell, Technology Director

### Executive Summary

Morris School District is located in the city of Morris, which is in the southeast quadrant of Okmulgee County. The 2000 Census showed a population of 38,788 for the county and 1300 for the city of Morris.

Morris School System has a current student population of 1024, up from 850 just 15 years ago, with 230 transfers only comprising 23% of the population. 389 students receive free lunches and 125 receive reduced meals.

There are a total of 12 buildings with classrooms comprising the Morris school campus, with Elementary, Middle and High School each having their own building. Plus a Storm Shelter Facility. Agricultural Education and an additional building for general education, a cafeteria, and the gym.

The Elementary building has 439 students with 44 teachers and support staff. While the Middle School facility has 225 students and 19 teachers and support staff. All the High School Buildings combined have a student population of 360 and 33 support staff and teachers. Over 122 faculty and staff are dedicated to the education of the Morris student population.

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The need for the effective integration of current and emerging technologies into education is recognized at local, state, and national levels. The infusion of technological tools into society is also causing and demanding changes in the schools. Preparing students to be productive citizens is not a new goal of education, but preparing today's students to be productive in the technological world requires a new initiative and is critical to the economical and social growth of the nation.

For today's students, the basic curriculum extends beyond that of the "traditional" classroom. While reading and writing remain basic to acquiring knowledge, pencil, paper, and textbooks alone are no longer sufficient tools for student learning. Information accessing, synthesizing, and analyzing skills must be added, as well as the tools for acquiring the skills. Communications technologies, including multi-media and telecommunications, have opened the knowledge of the world for greater accessibility and understanding. Learning from textbooks alone is no longer acceptable. Along with the arrays of these "new" educational tools and materials, comes the task of properly assessing needs and then planning, selecting, and implementing such technology into the school.

The Morris Public School community has recognized the importance and the need to incorporate technology into the school for improving the quality of education for all students. The anticipation of access to new informational resources has also been central to program planning and development.

Establishing a technology program in the school requires a high level of financial resources. While some may have the resources for immediate implementation, we have found that most schools do not. They must carefully plan for current and future needs and balance those needs to gain the best educational value. Such is the case at Morris Public Schools. From our evaluations, assessments and discussions three major phases have emerged:

Phase 1: Staff Development and Software/Curriculum development

Phase 2: Integrate technology into the curriculum

Phase 3: Develop plan to rotate replacement plan for updating computers/servers

## Vision

The Morris Public School System realizes that new ideas can change the status quo. We see the advantage of accepting change and new ideas. This means looking beyond the things that seem so evident, to looking to those that seem impossible. This requires VISION.

Children, as well as adults must have a vision for the future. The administration and faculty of Morris Public schools encourage the development of this vision. A vision to empower our students to be life-long learners, and productive citizens in the ever changing global society.

To achieve this goal we will monitor, adjust, and add to our curriculum. We will evaluate students by using traditional and non-traditional methods as indicators as to whether our curriculum is progressing and functional, to be the most effective curriculum so our students will learn.

We believe technology in the schools is no longer an option, frill or add-on. Technology is a vital, necessary, required part of each person's existence; technology is a way of life. All students will participate in a world class education system that uses the latest technologies to prepare students for a rapidly changing world.

## Mission

We, the parents, staff and students of the Morris School District, are committed to modeling and developing the highest quality of academic education for all our students enabling them to attain excellence and to become leaders in our society. It is our common desire to give the students the

# Morris Public School, 2007 - 2010 Technology Plan

## Introduction

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resources necessary to obtain a highest level of education through creative educational opportunities.

We believe that every student can succeed and each has the right to enjoy learning. We believe participation is essential in the education of the student.

Putting 'into action' the mission statement, allows our students the necessary tools to be productive individuals for themselves and society while meeting the requirements set forth by Priority Academic Students Skills (P.A.S.S.).

All courses and classes should enhance the educational experience of all (grades Pre K-12) students - gifted, average or the special education student, to allow them a hands on approach for forming a partnership alliance with their educations.

# Morris Public School, 2007 - 2010 Technology Plan

## Assessment - Existing Inventory

### Operating Systems

**Operating systems used at your district:**

Windows XP, Windows 98

### Computers

**# Servers:**

3

**# Workstations < 3 yrs old:**

189

**# Workstations > 3 yrs old:**

59

**Average # of students to workstation ratio:**

12:1

**Average # of teachers to workstation ratio:**

1:1

### Peripherals

**Peripherals installed at your district:**

50 Printers, laser and color, 6 scanners, 3 overhead projectors, 11 LCD projectors, 6 Smart boards, 6 digital cameras

### Other

**Other technology hardware:**

0 Polycom viewstations

### Networks: Local or Wide Area

**Network Connectivity:**

See Appendix for network diagram.

Wiring centers in the Elementary School, Middle School, High School and the Annex are a plug and patch panel design mounted on some type of a rack. This is not standard for telephone installations, but is much preferred for computer cable systems, as there is constant need for load balancing and cable moves, and provides a vertical storage area for other electronics. These designs will allow a knowledgeable person to make changes in the cable system without the use of special "punch down" tools and jumper wires. The fiber optic cabling is designed to allow itself to be collapsed, but will also run very well in the distributed mode.

One run of General Category 5E Cable runs from the closest wiring center's AMP-557872-1 patch panel, 100 meters or less, to a wall plate consisting of an AMP-557901-2 and AMP-557505. If the room in which this cable terminates is a lab, then an additional hub scheme may be attached at that point to provide connections for each computer in the lab. If it is determined that the lab requires its own file server, then that file server can be attached to the appropriate RJ-45 outlet in the wiring center's patch panel (AMP-557872-1). The reason for placing the file server in the wire center is to allow the file server to connect to the backbone without a long single run of fiber optic cable.

Internet Connection

# Morris Public School, 2007 - 2010 Technology Plan

## Assessment - Existing Inventory

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Two T-1 lines connect to the central location for access through the router to the WAN.

### Bandwidth

**Bandwidth speed of Local Area Network (LAN):**

100mbps

**Bandwidth speed of Campus/Metropolitan Area Network (MAN):**

T-1

**Bandwidth speed of wide area network (WAN):**

T-1

### Telephone Access

**# Cell phones:**

30

**# of phone lines:**

29

**Internal Phone System:**

Phones are located in administration areas to allow equal access to all teachers and students. Cell phones are assigned to building principals, supervisors and bus drivers as needed. Phones include both local and long distance services. Long Distance usage is monitored by requiring user access numbers.

### Email

**Email Usage of District:**

E-mail is used by faculty and staff for communication with each other, the State Department of Education, parents and community members. E-mail is used by students only during teacher-monitored class projects.

### Software Applications

**Software Applications Installed:**

Microsoft Office, Corel WordPerfect Suite, Renaissance Learning suite including (Accelerated Reader, Star Math, Star Reading, Math Facts), Carmen San Diego, Logical Journey of Zoombinis, Faction Attraction, Type to Learn, Type to Learn JR., A to Zap, Letterbugs, Edmark (Thinkin Things, Number Heros, Zap), Kid Pix Studio, Easybooks, Gizmo's and Gadgets, etc.

### School Information Management System

**Student Information System:**

The district is currently using Wengage for the student management software.

# Morris Public School, 2007 - 2010 Technology Plan

## Assessment - Technology Proficiency

The following chart shows the results of the district's self assessment of their progress toward proficiency in Essential Technology Conditions for Oklahoma Schools (See Appendix).

<b>A. Technology Administration &amp; Support</b>	<b>Stage 1</b>	<b>Stage 2</b>	<b>Stage 3</b>	<b>Stage 4</b>
Vision Planning & Policy	████████	████████	████████	████████
Technology Support	████████	████████	████████	████████
Instructional Technology Staffing	████████	████████	████████	████████
Budget	████████	████████		
Electronic Data Support Systems	████████	████████		
Funding	████████	████████	████████	████████
<b>B. Technology Capacity</b>	<b>Stage 1</b>	<b>Stage 2</b>	<b>Stage 3</b>	<b>Stage 4</b>
Student Technology Equipment Access	████████	████████		
Teacher Technology Equipment Access	████████	████████		
Internet Access	████████	████████	████████	████████
Video Capacity	████████			
Distance Learning; Conditions & Capabilities	████████	████████	████████	████████
LAN/WAN	████████	████████	████████	████████
Curriculum based tools	████████	████████		
<b>C. Educator Competencies &amp; Professional Development</b>	<b>Stage 1</b>	<b>Stage 2</b>	<b>Stage 3</b>	<b>Stage 4</b>
Educator use of technology	████████	████████		
Leadership	████████	████████	████████	████████
Professional Development	████████	████████		
Models of Professional Development	████████	████████	████████	████████
Effective Use of Electronic Data Support System	████████	████████	████████	████████
Content of Technology Training	████████	████████		
<b>D. Learners and Learning</b>	<b>Stage 1</b>	<b>Stage 2</b>	<b>Stage 3</b>	<b>Stage 4</b>
Student Use of Technology	████████	████████		
Technology Integration	████████	████████		
Available Technology Curriculum	████████	████████		
Community Connection	████████			
Demonstrating Effective Use of Technology in Learning	████████	████████		
<b>E. Accountability</b>	<b>Stage 1</b>	<b>Stage 2</b>	<b>Stage 3</b>	<b>Stage 4</b>
Student Technology Essential Learnings	████████	████████	████████	████████
Administrator Technology Competency	████████			
Teacher Technology Competencies	████████	████████		

# Morris Public School, 2007 - 2010 Technology Plan

## Assessment - Current Use & Identified Needs

### District's Current Use of Technology

Students use search strategies to retrieve information through the use of various electronic information sources (e.g. Internet, CD-ROM, on-line databases).

Students use word processing to improve writing and editing skills.

Students demonstrate the ability to problem solve by organizing information found.

Students communicate visually, graphically and artistically by creating multimedia presentations.

Teachers integrate technology in all areas by creating interdisciplinary projects.

Teachers and students maximize productivity and effectiveness by using application programs to create high quality products.

Faculty and staff communicate through computer networks and telecommunications by using electronic mail.

Students use technology to develop learning and workplace skills through the use of current technology and programs (e.g. word processing, keyboarding, spreadsheets, multimedia, E-mail).

### Identified Needs

-Staff development. Train teachers to use the technology

-All students, teachers, staff and administrators will have equal access to technology.

-District technology must be manageable and flexible to adapt to future growth and technical change.

-Purchase software that supports and enhances curriculum.

-Provide students with an understanding of how to apply technology will be mandatory for preparing them to function in society.

-Students will have continuous, not episodic access to computing resources.

-Students will be able to interact with "live" information resources by using the Internet.

-Technology will be utilized to provide new means of instructional delivery, encourage collaboration, increase communication, and gain access to the resources that will enhance the educational experience.

-Create a complete inventory and maintain inventory records to identify machine that are no longer cost efficient.

-Revise curriculum guides to reflect technological goals, objectives, and values inherent in the technology plan.

-Develop a five year rotating replacement schedules for desktop computer similar to textbook schedule

-Articulate with elementary and middle schools to develop a K-12 technology sequence.

-Strengthen partnerships with businesses and the community to continue to acquire equipment and software and take advantage of human technological resources.

# **Morris Public School, 2007 - 2010 Technology Plan**

## **Assessment - Current Use & Identified Needs**

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- Make recommendation to the Superintendent to update graduation requirement by requiring students at high school level to take at least one year of computers.
- Develop web based curriculum for students and teachers.
- Advance faculty computer literacy for classroom instructional purposes.
- Develop a multi-media curriculum, K-12.
- Acquire UPS for all workstations to protect the CPU's from power surges.
- Replace all hubs with switches.
- Maintain router

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

### Goal 1

Provide ongoing, sustained professional development for teachers, principals, administrators, and school library media personal to further the effective use of technology in the classroom or library media center.

#### Objective 1.1

The district will use technology to coordinate the connection and sharing of all educational resources among all buildings and district personnel.

Category: Educator Competencies & Professional Development

Budget Y1: \$1,000.00    Budget Y2: \$1,000.00    Budget Y3: \$1,000.00

#### Strategy 1.1.1

Setup shared drive for software and data that can be accessed from multiple buildings

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Software and data will be used by all buildings and duplication eliminated.

Supporting Resources/Comments: Hard drive space

#### Strategy 1.1.2

Provide information to teachers on location of technology (scanners, printers, CD burners, TV Carts, etc.)

Status: In Process

Timeline: On going

Evaluation Method/Measure of Success: Utilization of technology by all teachers

Supporting Resources/Comments: Inventory lists and print outs for training.

#### Strategy 1.1.3

Network software will be bought when appropriate instead of single user versions. All software purchases must be approved by technology director or technology committee.

Status: Planned

Timeline: On-going

Evaluation Method/Measure of Success: More efficient use of technology funds. Eliminate duplication of software.

Supporting Resources/Comments: Software Inventory lists . Software approval process and sign off sheets.

#### Objective 1.2

Staff development. Train teachers to use the technology.

Category: Educator Competencies & Professional Development

Budget Y1: \$4,000.00    Budget Y2: \$5,000.00    Budget Y3: \$6,000.00

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

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### Strategy 1.2.1

Setup and maintain e-mail accounts for all teachers and staff.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: All teachers have email accounts. Old accounts are deleted.

Supporting Resources/Comments: Maintain secure listing of all teachers, email addresses, login and passwords.

### Strategy 1.2.2

Provide training for teachers on use of classroom performance system (CPS) student response pads

Status: Planned

Timeline: August prior to each school year: 2007, 2008, 2009

Evaluation Method/Measure of Success: Continuous use of CPS System

Supporting Resources/Comments: Training materials. Demo CPS unit(s).

### Strategy 1.2.3

Provide mini classes (hour long class) for teachers to teach specific uses of technology: file management, word processing, spreadsheets, Internet, e-mail, scanning, presentations, web pages.

Status: Planned

Timeline: Monthly during school years: 2007-08, 2008-09, 2009-2010

Evaluation Method/Measure of Success: Technology proficiency of teachers. Training sign in sheets.

Supporting Resources/Comments: Training materials. Develop training calendar & reserve lab. Title II Part D and Title V professional development funding.

### Objective 1.3

Administrative staff will gain necessary skills to use technology to improve administrative and management effectiveness.

Category: Administration & Support Services

Budget Y1: \$0.00 Budget Y2: \$0.00 Budget Y3: \$0.00

### Strategy 1.3.1

Identify training needs for administrative staff in office and management software

Status: Planned

Timeline: April-May prior to each school year: 2007, 2008, 2009

Evaluation Method/Measure of Success: Training needs for administrative staff clearly identified.

Supporting Resources/Comments: Technology survey

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

### Strategy 1.3.2

Provide training for administrative staff based on needs survey to include student information management system, e-mail, MS office, MAS accounting

Status: Planned

Timeline: June-July prior to each school year: 2007, 2008, 2009

Evaluation Method/Measure of Success: Technology proficiency of administrators and staff. Training sign in sheets.

Supporting Resources/Comments: Training materials. Need to develop training calendar for summer. Reserve lab for classes.

### Strategy 1.3.3

Principals will create e-mail distribution list to inform staff of upcoming weekly/monthly events

Status: In Process

Timeline: August prior to each school year: 2007, 2008, 2009. Updated as needed.

Evaluation Method/Measure of Success: Better communication.

Supporting Resources/Comments: Email accounts for all staff. All administrative staff will need to know how to set up groups in email.

## Goal 2

Identify and promote curricula and teaching strategies that integrate technology effectively into curricula and instruction, based on a review of relevant research and leading to improvements in student academic achievement.

### Objective 2.1

Teachers will gain the necessary technology skills to insure student mastery of grade level technology competencies

Category: Educator Competencies & Professional Development

Budget Y1: \$0.00 Budget Y2: \$0.00 Budget Y3: \$0.00

### Strategy 2.1.1

Provide training on integration and cross curricular activities in all subject areas

Status: Planned

Timeline: Monthly during school year: 2007-08, 2008-09, 2009-10

Evaluation Method/Measure of Success: Teachers will integrate technology in the curriculum. Training sign-in sheets.

Supporting Resources/Comments: Research based training materials. SDE Marco Polo Training. Title II Part D, Title V .

### Strategy 2.1.2

Keep teachers informed of new and existing software for their use on the network.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Utilization of technology by all teachers

Supporting Resources/Comments: E-mail distribution list. List of software inventory by building;

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

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subject area.

### Strategy 2.1.3

District will incorporate National Educational Technology Standards for Teachers (NETS-T) adopted by the Oklahoma State Dept. of Education in district expectations for effective teaching and learning.

Status: Planned

Timeline: On-going

Evaluation Method/Measure of Success: Analysis of district initiatives and documents. Analysis of self-assessments. Observation.

Supporting Resources/Comments: Provide faculty, staff, and administration with copy of NETS-T, educational technology standards for teachers.

### Strategy 2.1.4

Teachers attend classes offered by OSU-Okmulgee, Technology Centers, Okla State Department of Education to increase educator competencies and learn new strategies for collaboration and integrating technology into the curricula

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Technology proficiency of teachers. Course completion certificates.

Supporting Resources/Comments: To be determined

## Objective 2.2

Technology will be used to encourage and support joint development and dissemination of curriculum.

Category: Educator Competencies & Professional Development

Budget Y1: \$0.00 Budget Y2: \$0.00 Budget Y3: \$0.00

### Strategy 2.2.1

Teachers will work together to prepare collaborative projects in all core subject areas.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Technology will be integrated into the curriculum. Observation.

Supporting Resources/Comments: E-mail, voice & video communications.

### Strategy 2.2.2

Teachers will require students to participate in collaborative projects.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Students will use skills in different subject areas to successfully prepare a cross-curricular project.

Supporting Resources/Comments: Use existing tools.

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

### Goal 3

Provide equal access to technology for all students, faculty, staff and administrators including students who may have disabilities or are economically disadvantaged.

#### Objective 3.1

All students, teachers, staff and administrators will have equal access to technology.

Category: Administration & Support Services

Budget Y1: \$0.00    Budget Y2: \$0.00    Budget Y3: \$0.00

#### Strategy 3.1.1

Every teacher will have a computer connected to the network in their classroom.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Easy access for students and staff will increase use and opportunity to use technology

Supporting Resources/Comments: Network/Internet ready computer installed in each classroom. Each teacher assigned login and password.

#### Strategy 3.1.2

Labs will have sign up sheet to allow teacher to schedule classes in 45 min. blocks. Priority will be given to teachers working on PASS objectives.

Status: In Process

Timeline: Labs scheduled beginning 1 month prior to start of semester. Last minute okay if not in use.

Evaluation Method/Measure of Success: Utilization of computer lab. Lab sign up sheet.

Supporting Resources/Comments: No additional resources needed.

#### Strategy 3.1.3

Increase computer lab use by increasing hours open to students. Students w/ classroom work will be given first preference to use computers in lab.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Lab hours. Sign in sheets. Students will have increased access to technology.

Supporting Resources/Comments: Lab aids from 8 am -4pm available to assist students and allow students access to computer labs.

#### Objective 3.2

District will ensure that technology is accessible to all students, including those with disabilities and those who are economically disadvantaged.

Category: Learners and Learning

Budget Y1: \$12,500.00    Budget Y2: \$25,000.00    Budget Y3: \$25,500.00

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

### Strategy 3.2.1

Make technological provisions for special needs students.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: All students have equal access to technology. Accessibility Analysis.

Supporting Resources/Comments: Special needs software and equipment.

### Strategy 3.2.2

Ensure access to distance learning and advanced technologies to provide resources for special needs students.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Improvement in academic achievement of high needs students. Utilization of advanced technologies.

Supporting Resources/Comments: Identify advanced technologies needed. To be determined.

### Strategy 3.2.3

Make technology available during school and after hours for economically disadvantaged students who may not have access to computers at home.

Status: Planned

Timeline: Provide to students based on recommendation by teachers and needs analysis.

Evaluation Method/Measure of Success: Utilization of technology by high needs students during school and after hours. Sign in sheets.

Supporting Resources/Comments: Computers available after hours. Teacher stipend for after hours.

### Strategy 3.2.4

Provide training for teachers on effectively integrating technology into curricula and instruction for high needs students.

Status: Planned

Timeline: Summer In Service training prior to each school year: 2007, 2008, 2009

Evaluation Method/Measure of Success: Improvement in academic achievement of high needs students. Training sign in sheets.

Supporting Resources/Comments: Training materials. Title II Part D and Title V funding.

## Goal 4

Install and maintain technology that is both manageable and flexible to support the District's learning goals and administrative services.

### Objective 4.1

District technology must be manageable and flexible to adapt to future growth and technical change.

Category: Technology Capacity

Budget Y1: \$39,000.00    Budget Y2: \$39,000.00    Budget Y3: \$29,000.00

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

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### Strategy 4.1.1

Standardize wiring: fiber runs to each wiring closet. Upgrade hubs to switches.

Status: Planned

Timeline: July 2007 - June 2010

Evaluation Method/Measure of Success: Increase in reliability of the network.

Supporting Resources/Comments: File for E-Rate discounts on eligible products/services.

### Strategy 4.1.2

Servers must be upgraded or replaced as needed for space and reliability.

Status: Planned

Timeline: July 2007 - June 2010

Evaluation Method/Measure of Success: Increase in reliability of the network.

Supporting Resources/Comments: File for E-Rate discounts on eligible products/services.

### Strategy 4.1.3

Increase electrical capacity and ventilation as needed. Install/replace uninterruptible power supplies (UPS) as needed to protect all hardware.

Status: Planned

Timeline: July 2007 - June 2010

Evaluation Method/Measure of Success: Protect investment in technology.

Supporting Resources/Comments: File for E-Rate discounts on eligible products/services.

## Objective 4.2

Create and maintain a complete inventory of installed technology.

Category: Technology Capacity

Budget Y1: \$0.00    Budget Y2: \$0.00    Budget Y3: \$0.00

### Strategy 4.2.1

Create a database with current inventory.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Current technology asset list will provide for identification of hardware needs and obsolete equipment.

Supporting Resources/Comments: Use existing resources.

### Strategy 4.2.2

Keep maintenance logs on computer hardware.

Status: Planned

Timeline: July 2007 - June 2010

Evaluation Method/Measure of Success: Maintenance logs will be used to analyze recurring problems and plan for preventive maintenance, upgrades and replacements.

Supporting Resources/Comments: Use existing resources.

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

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### Objective 4.3

Provide adequate Internet Access and Telecommunications to support learning goals and administrative needs.

Category: Technology Capacity

Budget Y1: \$12,336.00    Budget Y2: \$12,336.00    Budget Y3: \$12,500.00

#### Strategy 4.3.1

Install and maintain two T-1 circuits for Internet Access

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Adequate Bandwidth

Supporting Resources/Comments: Apply for E-Rate discounts on eligible services.

#### Strategy 4.3.2

Install and maintain voice communications as needed to provide access to local and long distance telephone service, cellular, and paging service.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Access from all buildings including PBX system for voice communications.

Supporting Resources/Comments: Apply for E-Rate discounts on eligible services.

### Goal 5

Purchase and provide access to software and advanced technologies that support and enhance curriculum.

#### Objective 5.1

Purchase software that supports and enhances the curriculum.

Category: Learners and Learning

Budget Y1: \$7,000.00    Budget Y2: \$5,000.00    Budget Y3: \$5,000.00

#### Strategy 5.1.1

Teachers will have input on new technology. This will be done through technology committee and by completing the envisioning worksheet (see Appendix)

Status: In Process

Timeline: Bi-annually

Evaluation Method/Measure of Success: All curriculum areas will be addressed and technology will be used to enhance curricula. Envisioning worksheets.

Supporting Resources/Comments: No additional resources needed.

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

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### Strategy 5.1.2

Purchase software that will enhance current curriculum based on review of achievement test scores to identify areas of greatest need and determining largest units covered.

Status: In Process

Timeline: Bi-Annually

Evaluation Method/Measure of Success: Improvement in test scores. Increased understanding of unit being studied.

Supporting Resources/Comments: Grants, Technology Budget.

### Strategy 5.1.3

Provide training for teachers on how to use new software purchased to integrate technology into the classroom.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Improvement in test scores. Integration of technology into curricula.

Supporting Resources/Comments: Title II Part D

### Objective 5.2

Provide Central location for using specialized curriculum software that can be accessed in classrooms as well as in the labs.

Category: Learners and Learning

Budget Y1: \$0.00    Budget Y2: \$0.00    Budget Y3: \$0.00

### Strategy 5.2.1

Identify hardware needed and location for centralized location.

Status: In Process

Timeline: Evaluate location and storage needs annually.

Evaluation Method/Measure of Success: Easy access to software when needed.

Supporting Resources/Comments: Maintain and improve system.

### Strategy 5.2.2

Locate software to be stored in central location.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Teacher surveys

Supporting Resources/Comments: Printed surveys.

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

### Strategy 5.2.3

Organize software by building and subject area.

Status: In Process

Timeline: On-going

Evaluation Method/Measure of Success: Easy access to software when needed.

Supporting Resources/Comments: Use existing resources.

### Goal 6

Technology will be integrated into the curricula and instruction in order to increase the number of students who use technology for communicating, thinking, learning and producing quality products in a variety of modes as demonstrated in classroom, school, district, and state assessments.

### Objective 6.1

Increase the number of students who use technology for thinking, learning, and producing quality products in a variety of modes

Category: Learners and Learning

Budget Y1: \$20,000.00    Budget Y2: \$20,000.00    Budget Y3: \$20,000.00

### Strategy 6.1.1

District will incorporate the National Education Technology Standards for students (NETS-S) as adopted by the Oklahoma State Dept. of Education in district expectations for learners and learning.

Status: Planned

Timeline: July 2007- June 2010

Evaluation Method/Measure of Success: Analysis of district initiatives and documents. Student test scores.

Supporting Resources/Comments: Provide faculty, staff, and administration with copy of NETS-S technology standards for students.

### Strategy 6.1.2

Show students practical examples of how technology can be used in different jobs.

Status: In Process

Timeline: July 2007- June 2010

Evaluation Method/Measure of Success: Students will know how technology is used for different types of jobs. Observations, Lesson Plans.

Supporting Resources/Comments: Pilot projects: Title II, Part D. Training and support for supervising teachers. Appropriate technology in place and supported.

### Strategy 6.1.3

Students prepare work that will be seen by different audiences (parents, peers, business people, teachers, etc.)

Status: In Process

Timeline: July 2007- June 2010

Evaluation Method/Measure of Success: Students will prepare higher quality of work. Observations. Lesson Plans.

Supporting Resources/Comments: Pilot projects: Title II, Part D. Training and support for

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

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supervising teachers. Appropriate technology in place and supported.

### Strategy 6.1.4

Require students to make decisions on best software program to use for a given task.

Status: In Process

Timeline: July 2007- June 2010

Evaluation Method/Measure of Success: Students will learn to analyze information and problem solve. Observations. Lesson Plans.

Supporting Resources/Comments: Title II, Part D. Training and support for supervising teachers. Appropriate technology in place and supported.

### Strategy 6.1.5

Show students examples on how time can be saved using technology method versus manual method

Status: In Process

Timeline: July 2007- June 2010

Evaluation Method/Measure of Success: Students will see how technology can save time and money. Observations. Lesson Plans.

Supporting Resources/Comments: Title II, Part D. Training and support for supervising teachers. Appropriate technology in place and supported.

### Strategy 6.1.6

Teachers will enhance content- area learning with technology-infused lessons.

Status: Planned

Timeline: July 2007 - June 2010

Evaluation Method/Measure of Success: Levels of technology use surveys. Observations. Lesson Plans.

Supporting Resources/Comments: Title II, Part D. Training and support for supervising teachers. Appropriate technology in place and supported.

## Objective 6.2

Students will be able interact with "live" information resources by using the Internet

Category: Learners and Learning

Budget Y1: \$0.00 Budget Y2: \$0.00 Budget Y3: \$0.00

### Strategy 6.2.1

Students will be taught how to search on the Internet including how to recognize reliable vs non-reliable Internet sites.

Status: In Process

Timeline: July 2007- June 2010

Evaluation Method/Measure of Success: Students will be able to search and find valid information/resources. Students will know how to analyze a web site for content and reliability.

Supporting Resources/Comments: Teachers trained to access Internet resources including Marco Polo training. Reliable, high speed Internet access. E-Rate discounts requested for Internet Access.

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

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### Strategy 6.2.2

Students will be taught how to setup and use e-mail for communication and collaboration including how to protect personal/confidential information.

Status: In Process

Timeline: July 2007- June 2010

Evaluation Method/Measure of Success: Students will demonstrate ability to utilize email including sending, retrieving, attaching files, using address books.

Supporting Resources/Comments: Email accounts will be set up for class use only. No email access for students outside of teacher-supervised setting.

### Goal 7

Analyze and implement innovative strategies to deliver specialized and/or rigorous courses and curricula

### Objective 7.1

Technology will be utilized to provide new means of instructional delivery, encourage collaboration, increase communication, and gain access to resources that will enhance the educational experience.

Category: Learners and Learning

Budget Y1: \$0.00 Budget Y2: \$0.00 Budget Y3: \$0.00

### Strategy 7.1.1

Complete envisioning worksheets (See Appendix)

Status: In Process

Timeline: Every April prior to next school year: 2007, 2008, 2009

Evaluation Method/Measure of Success: Completed worksheets.

Supporting Resources/Comments: Preparation, distribution and tabulation of worksheets.

### Strategy 7.1.2

Use information gathered from completed envisioning worksheets, test scores, and largest unit of study in curriculum areas to identify target areas for advanced technology.

Status: Planned

Timeline: Every April prior to next school year: 2007, 2008, 2009

Evaluation Method/Measure of Success: List of target areas for advanced technology

Supporting Resources/Comments: Envisioning worksheets, test scores, teacher input on largest unit of study

### Strategy 7.1.3

Implement advanced technology and innovative instructional delivery to meet needs identified.

Status: Planned

Timeline: July 2007 - June 2010

Evaluation Method/Measure of Success: Student test scores, utilization of advanced technologies

Supporting Resources/Comments: Teachers must have sufficient training for advanced technologies. Technology needed in place and supported.

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

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### Strategy 7.1.4

Offer distance learning opportunities for high school students to take advanced courses.

Status: Planned

Timeline: July 2007- June 2010

Evaluation Method/Measure of Success: Evaluation implementation data, student completion rates

Supporting Resources/Comments: Teachers trained to use distance learning equipment. Appropriate technology in place and supported.

### Goal 8

Ensure the effective use of technology to promote parental involvement and increase communication with parents.

### Objective 8.1

Develop and maintain a district web site for school and community-wide communication and collaboration.

Category: Learners and Learning

Budget Y1: \$0.00 Budget Y2: \$0.00 Budget Y3: \$0.00

### Strategy 8.1.1

Involve students and teachers in updating and maintaining web sites.

Status: In Process

Timeline: July, 2007 - June, 2010

Evaluation Method/Measure of Success: List of target areas for advanced technology

Supporting Resources/Comments: Training for teachers on how to post and edit information on the web site. HTML tools

### Strategy 8.1.2

Inform parents of web site address and how to access pertinent information regarding school board meetings, calendars, student events.

Status: In Process

Timeline: July, 2007 - June, 2010

Evaluation Method/Measure of Success: Parents know how to access the district web site. Observation.

Supporting Resources/Comments: Notify parent-teacher organization, announce at board meeting and parent night.

### Strategy 8.1.3

Provide training and documentation to teachers on acceptable materials to be posted to the web site for protecting students.

Status: Planned

Timeline: Annually during teacher in-service

Evaluation Method/Measure of Success: Sign in sheets

Supporting Resources/Comments: Printed materials

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

### Objective 8.2

Implement and monitor the consistent practice of increasing communications about student achievement among students, parents and staff.

Category: Administration & Support Services

Budget Y1: \$0.00 Budget Y2: \$0.00 Budget Y3: \$0.00

### Strategy 8.2.1

Maintain student information system for reporting student achievement to Oklahoma State Department of Education and parents.

Status: In Process

Timeline: July, 2007 - June, 2010

Evaluation Method/Measure of Success: Access by authorized users to student achievement data.

Supporting Resources/Comments: Student information system.

### Strategy 8.2.2

Develop strong, ongoing partnerships with district's community, students, parents, and businesses to insure efficient use of our limited resources.

Status: In Process

Timeline: July, 2007 - June, 2010

Evaluation Method/Measure of Success: Collaboration with community, parents, and businesses

Supporting Resources/Comments: Discussion of technology needs during board meetings, parent events, community events.

## Goal 9

Develop programs in collaboration with adult literacy service providers to maximize the use of technology.

### Objective 9.1

Coordinate with the Morris Public Library and other literacy providers to provide adult literacy training and other training opportunities as determined by community needs.

Category: Learners and Learning

Budget Y1: \$2,500.00 Budget Y2: \$2,500.00 Budget Y3: \$2,500.00

### Strategy 9.1.1

Develop an agreement to coordinate programs with public library to deliver adult literacy programming

Status: In Process

Timeline: July 2007 - June 2010

Evaluation Method/Measure of Success: Implementation of program.

Supporting Resources/Comments: Regularly scheduled meetings with stakeholders.

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives

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### Strategy 9.1.2

Provide access to Morris Public Schools facilities for use by library personnel and adult literacy programs.

Status: In Process

Timeline: July 2007 - June 2010

Evaluation Method/Measure of Success: Utilization of district's library and online resources for adult literacy programs.

Supporting Resources/Comments: Technology needed in place and supported.

### Goal 10

Develop effective leadership and administrative support for comprehensive and appropriate use of technology in the district.

### Objective 10.1

Educate administration including superintendent and principals on importance of technology as an essential tool in learning and teaching.

Category: Administration & Support Services

Budget Y1: \$17,500.00    Budget Y2: \$18,000.00    Budget Y3: \$18,000.00

### Strategy 10.1.1

District will incorporate the National Educational Technology Standards for Administrators (NETS-A) in district expectations for effective administration, teaching and learning.

Status: Planned

Timeline: July 2007 - June 2010

Evaluation Method/Measure of Success: Analysis of district initiatives and documents. Analysis of self-assessments. Observation.

Supporting Resources/Comments: Provide administration with copy of NETS-A technology standards for administrators.

### Strategy 10.1.2

Superintendent and building principals will participate in OKACTS program.

Status: Planned

Timeline: July 2008-June 2009

Evaluation Method/Measure of Success: Promotion of technology as an integral part of the curriculum

Supporting Resources/Comments: Fee for OKACTS. Request funding for OKACTS fee as part of grants. Title II, Part D.

# Morris Public School, 2007 - 2010 Technology Plan

## Goals & Objectives: Budget Summary

Category	Year 1	Year 2	Year 3	Total
Administration & Support Services	17,500.00	18,000.00	18,000.00	53,500.00
Educator Competencies & Professional Development	5,000.00	6,000.00	7,000.00	18,000.00
Learners and Learning	42,000.00	52,500.00	53,000.00	147,500.00
Technology Capacity	51,336.00	51,336.00	41,500.00	144,172.00
<b>Total All Categories:</b>	<b>\$115,836.00</b>	<b>\$127,836.00</b>	<b>\$119,500.00</b>	<b>\$363,172.00</b>

## Morris Public School, 2007 - 2010 Technology Plan

### Budget

Sources of Funds	Year 1	Year 2	Year 3
Donations	\$0.00	\$0.00	\$0.00
E-Rate	\$51,409.00	\$52,500.00	\$53,000.00
General Funds	\$47,427.00	\$56,336.00	\$57,500.00
Grants	\$25,000.00	\$25,000.00	\$25,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total Sources of Funds:</b>	<b>\$123,836.00</b>	<b>\$133,836.00</b>	<b>\$135,500.00</b>

  

Technology Expenditures: Items Eligible for E-rate Discounts	Year 1	Year 2	Year 3
Internal Connections	\$0.00	\$5,000.00	\$5,000.00
Internet Access	\$12,336.00	\$12,336.00	\$12,500.00
Maintenance	\$20,000.00	\$20,000.00	\$20,000.00
Telecommunications	\$22,000.00	\$22,500.00	\$23,000.00
<b>Total E-rate Eligible items:</b>	<b>\$54,336.00</b>	<b>\$59,836.00</b>	<b>\$60,500.00</b>

  

Non-Erate Items	Year 1	Year 2	Year 3
Hardware, such as computers, printers, fax machines, video equipment, scanners, CD-ROM drives and servers	\$40,000.00	\$40,000.00	\$40,000.00
Maintenance, such as systems maintenance and operations costs for ineligible hardware and software and salaries of technical staff	\$17,500.00	\$18,000.00	\$18,000.00
Professional Development, such as ongoing technology-related training for technical staff, teachers, and/or librarians	\$5,000.00	\$6,000.00	\$7,000.00
Retrofitting, such as electrical wiring, asbestos removal, building modifications, renovations and repair to support technology infrastructure	\$0.00	\$5,000.00	\$5,000.00
Software, such as end user applications	\$7,000.00	\$5,000.00	\$5,000.00
<b>Total Non-Erate Items:</b>	<b>\$69,500.00</b>	<b>\$74,000.00</b>	<b>\$75,000.00</b>
<b>Total Technology Expenditures</b>	<b>\$123,836.00</b>	<b>\$133,836.00</b>	<b>\$135,500.00</b>

# Morris Public School, 2007 - 2010 Technology Plan

## Evaluation

### Responsibility

Technology Committee

### Evaluation Process

The technology committee will review and update inventory of equipment and software.

The technology committee will assess the goals and activities of the technology plan in order to ensure that it reflects the current situation.

Principals will assess the degree to which technology has been integrated into normal classroom teaching during regular supervisor evaluations.

Principals will assess the degree to which technology has enhanced communication between the school and the community.

The Superintendent will determine needs for cell phone and phones in the district and assign or approve additional lines as needed.

### Evaluation Timeframe

Technology plan will be edited annually by technology committee to reflect the annual evaluation findings.

### Evaluation Findings

The superintendent will disseminate information of the status of technology in the district to the community.

### Evaluation Analysis - Annual Updates Only

The district has successfully completed replacing all hubs in the district with switches.

Students seem to produce better more informative papers, because it is easier to correct and gather information.

# Morris Public School, 2007 - 2010 Technology Plan

## CIPA (Children's Internet Protection Act) Compliance

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Beginning with E-Rate funding year 2002-2003, schools and libraries who participate in the E-Rate program must certify that they are in compliance with the Children's Internet Protection Act (CIPA).

The Children's Internet Protection Act (CIPA) was signed into law on December 21, 2000. Under CIPA, no school or library may receive E-Rate discounts unless it certifies that it is enforcing a policy of Internet safety that includes the use of filtering or blocking technology. This Internet Safety Policy must protect against access, through computers with Internet access, to visual depictions that are obscene, child pornography, or (in the case of use by minors) harmful to minors. The school or library must also certify that it is enforcing the operation of such filtering or blocking technology during any use of such computers by minors.

In general, local communities are responsible for determining what constitutes prohibited material and appropriate actions by schools and libraries.

For further details, see: <http://www.kelloggllc.com/cipa/index.html>

### Description, Company Name of Technology Protection Measure

SonicWall

### Internet Acceptable Use Policy

Internet Acceptable Use Policy

[http://www.erate470.com/tpc/documents/cipa2\\_01VK0ULJ1R.pdf](http://www.erate470.com/tpc/documents/cipa2_01VK0ULJ1R.pdf)

### Board Meeting Agenda and Minutes When CIPA Compliance Last Discussed

June 12, 2006 Board Agenda & Meeting

[http://www.erate470.com/tpc/documents/cipa3\\_01VK0ULJ1R.pdf](http://www.erate470.com/tpc/documents/cipa3_01VK0ULJ1R.pdf)

# Morris Public School, 2007 - 2010 Technology Plan

## Appendix

### Attachments

**Attachment A**

Oklahoma Essential Technology Conditions

<http://www.kelloggllc.com/tpc/rubric.pdf>

**Attachment B**

National Educational Technology Standards (NETS)

<http://www.kelloggllc.com/tpc/nets.pdf>

**Attachment C**

Network Diagram -Morris Public Schools

[http://www.erate470.com/tpc/documents/Morris Att1\\_wir.pdf](http://www.erate470.com/tpc/documents/Morris Att1_wir.pdf)

**Attachment D**

Inventory Form-Morris Public Schools

[http://www.erate470.com/tpc/documents/Morris\\_Att2\\_inventory form.pdf](http://www.erate470.com/tpc/documents/Morris_Att2_inventory form.pdf)

**Attachment E**

Teacher Technology Survey Form

[http://www.erate470.com/tpc/documents/Morris\\_Att3\\_teachersurvey.pdf](http://www.erate470.com/tpc/documents/Morris_Att3_teachersurvey.pdf)