

# Technology Plan 2011 - 2014

**Morris Public School  
Morris, OK**



Morris Public School  
Superintendent: Mr. James Lyons  
Mailing Address: PO Box 80  
City, State Zip: Morris, OK 74445-0080

Contact Person: Doy Shipman, Technology Director  
Telephone: 918-758-8026  
Fax Number: 918-733-4681

# Morris Public School, 2011 - 2014 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:** Doy Shipman  
**Contact Title:** Technology Director  
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### Demographics

**Average Enrollment (ADM):** 929  
**Number of Certified Staff:** 75  
**Low Income Percentage:** 55  
**Number of School Sites:** 3

### Tech Plan Duration

**Beginning Year:** 2011  
**Ending Year:** 2014

### Technology Committee

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

### Executive Summary

Morris School District is located in the city of Morris, which is in the southeast quadrant of Okmulgee County.

Morris School System has a current student population of 1013, up from 850 just 18 years ago, with 175 transfers only comprising 17% of the population. 427 students receive free lunches and 160 receive reduced meals.

There are a total of 13 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 474 students with 40 teachers and support staff. While the Middle School facility has 208 students and 19 teachers and support staff. All the High School Buildings combined have a student population of 331 and 21 support staff and teachers. Over 116 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

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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.

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## Assessment - Existing Inventory

### Operating Systems

**Operating systems used at your district:**

Windows XP

### Computers

**# Servers:**

5

**# Workstations < 3 yrs old:**

200

**# Workstations > 3 yrs old:**

150

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

3:1

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

1:1

### Peripherals

**Peripherals installed at your district:**

50 Printers, laser and color, 6 scanners, 19 overhead projectors, 45 LCD projectors, 40 Smart boards, 6 digital cameras

### Other

**Other technology hardware:**

N/A

### 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

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## 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):**

200 MB

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

200 MB

### Telephone Access

**# Cell phones:**

15

**# of phone lines:**

30

**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.

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## 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 K-12 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	████████	████████		

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## 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, Discovery Education, 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, digital projects, video editing, 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.



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## Assessment - Current Use & Identified Needs

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

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## Assessment - Technologies to be Acquired

Technologies to be Acquired	Enhancement of Teaching	Enhancement of Training	Enhancement of Student Achievement
<i>Basic Maintenance</i>	Ensures all technology is operational for learning activities.	Ensures all technology is operational for learning activities.	Reliable access to technology equipment.
<i>Computer workstations for classrooms and computer labs.</i>	Computers will be used as an instructional tool providing access to graphics, sound, and text to make the learning environment more interesting and to provide current information.	Computers will be used as a learning and productivity tool for teachers. Software will be available to keep student records, prepare lessons, prepare information for parents, and as a teaching and communications tool.	Students will use computers to learn about subjects, to complete assignments, and as a way of reinforcing learning.
<i>Curriculum software</i>	Enables teachers to use software specifically designed for instruction.	Enables teachers to receive training using most current software and features set.	Students will be able to use software specifically designed to enhance the curriculum and learn using up to date features.
<i>Digital camera and/or digital video camera and LCD projector</i>	Teachers will use digital camera/video recorder to record student activities, projects and other instructional activities. LCD projectors enable teachers to project computer images onto a screen for classroom use	Digital images and LCD projectors are excellent training aids.	Students will be motivated to see their achievements on the district's web site. Digital images can be used in student projects and to make instructional presentations more interesting.
<i>Electronic White Boards</i>	Enables teachers to project computer images for classroom use and capture training materials.	Provides tool for trainers to use for professional development sessions.	Use of multi-media and technologies in the classroom engages students and assists in the teaching process.
<i>Email Services</i>	Email provides additional communication with parents and outside sources.	Email provides written record of communication for future reference and clarification.	Email for students will be provided as needed for special projects involving collaboration and written communication.
<i>File server for administrative use.</i>	Improves operation of the network by transferring workload of accounting software to one server	Additional space for programs and files will be available for use by teachers	Students will have additional space on the network for software programs and file storage
<i>Firewall-Data Protection</i>	A firewall will protect the network from intrusions from hackers and others and will keep the	The existence of the firewall will insure that the network is up and running in a safe environment	Students can safely use the network being protected from those who would harm them or the

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## Assessment - Technologies to be Acquired

Technologies to be Acquired	Enhancement of Teaching	Enhancement of Training	Enhancement of Student Achievement
	network operational.	for use in training and delivery of access to educational resources.	network.
<i>Internet Access using Broadband Circuits</i>	Provides access to online resources to assist in the development of lessons, enables interactive conferences with other schools and experts elsewhere.	Having adequate bandwidth enables teachers to participate in online training and collaboration, and access professional development resources through the Internet.	Students and staff will have bandwidth available to use educational resources available on the Internet.
<i>Internet filtering/virus protection annually renewable</i>	Filtering provides safe access to Internet resources and filters out unwanted sites.	Filters out unwanted sites and protects network from spam and viruses.	Protects network and minors from spam, inappropriate sites, and viruses.
<i>Network Cabling and Connectors. Fiber Connections between buildings and/or leased circuits.</i>	Will provide connectivity to the Internet and school network	Teachers will be able to supplement learning activities with resources on the Internet and district network	Students will use the Internet and network resources to enhance their learning opportunities.
<i>Network Equipment for data distribution (access points, switches, routers)</i>	Will provide new resources for student learning.	Internet and network access provides access to resources on the Internet and on servers located outside the classroom that can be used to upgrade skills.	New uses of the network will provide new learning opportunities for both staff and students.
<i>Notebook computers</i>	Gives teachers flexibility in working environment.	Allows teachers to access the Internet and use computer from various locations including from home	Mobility provided by notebook computers allows greater access to the Internet, the school network, and technology to enhance learning. Students will have greater access to online resources for research purposes thereby meeting curriculum objectives.
<i>Printers and fax machines</i>	Enables teachers to print documents for use in class. Fax machines provide means for sharing documents throughout the district and with outside	Printed documents provide reference materials for use in training.	Students will use printed materials for reference and to complete coursework.

# Morris Public School, 2011 - 2014 Technology Plan

## Assessment - Technologies to be Acquired

Technologies to be Acquired	Enhancement of Teaching	Enhancement of Training	Enhancement of Student Achievement
	stakeholders.		
<i>Professional development</i>	Teachers will have access to learning activities, lesson plans, web excursions, lesson planning tools, and professional development activities.	Teachers will participate in continuous professional development as they implement the use of the resources in the professional development package.	Students will receive more targeted instruction and have access to additional learning activities.
<i>Research computers for the library</i>	Increases access to online resources including streaming media.	Increases access to research resources for teachers.	Students will have greater access to online resources for research purposes thereby meeting curriculum objectives.
<i>Server(s)</i>	Will provide network services to the classroom enabling access to the local area network (LAN) resources and access to the Internet.	Teachers will have access to educational resources both within the school district and from resources available on the Internet.	Students will have access to educational resources both within the school district and from resources available on the Internet to assist them in achieving curriculum objectives.
<i>Student Management Software</i>	Teachers will have access to grade book, attendance tracking, lesson plans aligned with state standards, student discipline tracking and much more.	Teachers will participate in on-going training on classroom management.	Students that are having problems understanding concepts will be identified earlier.
<i>Telecommunications Services, Phone Service, Long Distance, Cell Phones and Pagers, Phone System or Services such as PlexarVoice Mail</i>	Access to parents and to outside sources of educational programming will be maintained. Voice mail will enable messages to be left by parents outside school hours.	Adequate access is necessary for arranging training sessions and following up with training recommendations. The ability to retrieve messages from parents will be sure that they remain fully involved in the educational process.	Communicating present student achievement and alerting parents to potential problems is essential to maintaining or improving student achievement.
<i>Training for staff on distance learning equipment</i>	Staff will use the distance learning equipment to access new learning activities.	Teachers will be successful users of the distance learning system.	Students will have new learning opportunities.
<i>Training for staff on how to integrate technology into the curriculum</i>	Staff will learn how to use technology as an integral part of the curriculum thereby providing a	Proven methods for using technology as a tool for both teaching and learning will enhance	Students will be more involved in learning as technology is integrated into the curriculum

# Morris Public School, 2011 - 2014 Technology Plan

## Assessment - Technologies to be Acquired

Technologies to be Acquired	Enhancement of Teaching	Enhancement of Training	Enhancement of Student Achievement
	technology-enriched learning environment	the staff's training experience in both retention and comprehension of the	
<i>UPS equipment and backup systems.</i>	Protects equipment and data enabling reliable access to the Internet and district network.	Reliable access to the district network and Internet access is essential when providing training sessions and access to professional development resources.	Ensures reliability of technology equipment and data protection so students will have access to technology and Internet resources.
<i>Voice over IP system with messaging</i>	Access to parents, community and stakeholders. Voice messaging can be utilized to increase communications.	Efficient and reliable communications will support training programs.	Communication throughout the district and with parents and the community is essential for meeting the curriculum objectives for our students.
<i>Web hosting-District web site</i>	Teachers can post assignments and student work on their classroom web pages for increased communication with students and parents	Professional development opportunities and training information can be posted on the web site.	School schedules, course outlines, assignments, and links to educational sites applicable to the curriculum can all be more readily accessed.

### Other Technologies to be Acquired

Interactive Whiteboards and Projectors  
 Surround Sound in classrooms with microphones for teachers

# Morris Public School, 2011 - 2014 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

Responsible Individual/Dept: Technology Director

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, Cameras, Whiteboards, etc.)

Status: In Process

Timeline: On going

Responsible Individual/Dept: Technology Director, Media Specialist, Principals, Technology Committee

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: In Process

Timeline: On-going

Responsible Individual/Dept: Principal, Superintendent, Technology Director

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.

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

### Objective 1.2

Staff development. Train teachers to use the technology.

Category: Educator Competencies & Professional Development

Budget Y1: \$7,500.00 Budget Y2: \$7,000.00 Budget Y3: \$7,000.00

#### Strategy 1.2.1

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

Status: In Process

Timeline: On-going

Responsible Individual/Dept: Technology Director

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 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, smartboards.

Status: In Process

Timeline: Monthly during school years:

Responsible Individual/Dept: Technology Director

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: In Process

Timeline: April-May prior to each school year:

Responsible Individual/Dept: Technology Director, Superintendent

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

Supporting Resources/Comments: Technology survey

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

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### 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: In Process

Timeline: June-July prior to each school year: 2011, 2012, 2013, 2014

Responsible Individual/Dept: Technology Director, Superintendent

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: Updated as needed.

Responsible Individual/Dept: Building Principals, Technology Director

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: In Process

Timeline: Monthly during school year:

Responsible Individual/Dept: Technology Director, Principal

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 .



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## Goals & Objectives

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### Strategy 2.1.2

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

Status: In Process

Timeline: On-going

Responsible Individual/Dept: Technology Director, Director, Principal

Evaluation Method/Measure of Success: Utilization of technology by all teachers and observer whiteboards being used during class instruction

Supporting Resources/Comments: E-mail distribution list. List of software inventory by building; subject area. Whiteboard links from website

### 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

Responsible Individual/Dept: Principals, Superintendent, Technology Director

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

Responsible Individual/Dept: Teachers, Principals, Technology Director

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

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

### Strategy 2.2.1

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

Status: In Process

Timeline: On-going

Responsible Individual/Dept: Principals, Technology Committee, Technology Director

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

Responsible Individual/Dept: Teachers

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.

## 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

Responsible Individual/Dept: Technology Director

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.

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## Goals & Objectives

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### 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.

Responsible Individual/Dept: Technology Director and Teacher in Lab

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

Responsible Individual/Dept: Teachers, Principal, Technology Director, Lab Teacher

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: \$25,500.00 Budget Y2: \$25,500.00 Budget Y3: \$25,500.00

### Strategy 3.2.1

Make technological provisions for special needs students.

Status: In Process

Timeline: On-going

Responsible Individual/Dept: Teachers, Library Media Specialist, Technology Director, Principals

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

Supporting Resources/Comments: Special needs software and equipment.

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

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### 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

Responsible Individual/Dept: Technology Director, Teachers, Principals

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.

Responsible Individual/Dept: Teachers, Library Media Specialist, Technology Director, Principals

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: In Process

Timeline: Summer In Service training prior to each school year.

Responsible Individual/Dept: Technology Director, Principals, Library Media Specialist, Special Ed Instructors

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

# Morris Public School, 2011 - 2014 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: On Going

Responsible Individual/Dept: Technology Director and Maintenance Personnel

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: On Going

Responsible Individual/Dept: Technology Director and Maintenance Personnel

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 uninterpretable power supplies (UPS) as needed to protect all hardware.

Status: In Process

Timeline: On Going

Responsible Individual/Dept: Technology Director and Maintenance Personnel

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

Responsible Individual/Dept: Technology Director

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.

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

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### Strategy 4.2.2

Keep maintenance logs on computer hardware.

Status: Planned

Timeline: On Going

Responsible Individual/Dept: Technology Director

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.

### Objective 4.3

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

Category: Technology Capacity

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

Responsible Individual/Dept: Technology Director

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

Responsible Individual/Dept: Maintenance Director, Superintendent

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

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

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### 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

Responsible Individual/Dept: Technology Director, Principal, Superintendent

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.

### 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

Responsible Individual/Dept: Principals, Counselors, Teachers, Technology Committee

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

Responsible Individual/Dept: Teachers, Technology Director.

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

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

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### Strategy 5.2.1

Identify hardware needed and location for centralized location.

Status: In Process

Timeline: Evaluate location and storage needs annually.

Responsible Individual/Dept: Technology Director

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

Responsible Individual/Dept: Technology Director

Evaluation Method/Measure of Success: Teacher surveys

Supporting Resources/Comments: Printed surveys.

### Strategy 5.2.3

Organize software by building and subject area.

Status: In Process

Timeline: On-going

Responsible Individual/Dept: Technology Director

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



# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

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### 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: In Process

Timeline: On Going

Responsible Individual/Dept: Technology Director, Principals, Superintendent, Teachers

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: On Going

Responsible Individual/Dept: Teacher, Counselor

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 audience (parents, peers, business people, teachers, etc.)

Status: In Process

Timeline: July 2011 - June 2014

Responsible Individual/Dept: Teacher

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 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: On Going

Responsible Individual/Dept: Teacher

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.

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

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### Strategy 6.1.5

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

Status: In Process

Timeline: On Going

Responsible Individual/Dept: Teachers

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: In Process

Timeline: On Going

Responsible Individual/Dept: Teachers

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: On Going

Responsible Individual/Dept: Teacher, Technology Director

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, 2011 - 2014 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 2011 - June 2014

Responsible Individual/Dept: Teacher, Technology Director

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: On Going

Responsible Individual/Dept: Principals and Technology Director

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: In Process

Timeline: Every April prior to next school year: 2011, 2012, 2013, 2014

Responsible Individual/Dept: Principals, Technology Committee, Technology Director

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

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

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### Strategy 7.1.3

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

Status: In Process

Timeline: On Going

Responsible Individual/Dept: Teachers, Principals, Technology Director

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.

### Strategy 7.1.4

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

Status: Planned

Timeline: On Going

Responsible Individual/Dept: Teacher, Technology Director, Counselor

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: On Going

Responsible Individual/Dept: Principals, Teachers, Technology Director

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

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

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### 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 2011 - June 2014

Responsible Individual/Dept: Superintendent, Principals

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: In Process

Timeline: Annually during teacher in-service

Responsible Individual/Dept: Technology Director

Evaluation Method/Measure of Success: Sign in sheets

Supporting Resources/Comments: Printed materials

### 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: On Going

Responsible Individual/Dept: Principals, Technology Committee, Technology Director

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

Supporting Resources/Comments: Student information system.

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

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### 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: On Going

Responsible Individual/Dept: Principals, Superintendent, Technology Committee

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: On Going

Responsible Individual/Dept: Library Media Specialist, Superintendent

Evaluation Method/Measure of Success: Implementation of program.

Supporting Resources/Comments: Regularly scheduled meetings with stakeholders.

### 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 2011 - June 2014

Responsible Individual/Dept: Library Media Specialist, Superintendent

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.

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

### 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: \$0.00 Budget Y2: \$0.00 Budget Y3: \$0.00

### 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: On Going

Responsible Individual/Dept: Principals, Superintendent, Technology Director

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 2011 - June 2014

Responsible Individual/Dept: Superintendent, Principals

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.

## Goal 11

Telecommunication Services will be examined and discussed by the committee to see if additional services are needed and if equipment is adequate to meet the needs of the district.

### Objective 11.1

Exam equipment to see if updates are needed.

Category: Technology Capacity

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

# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives

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### Strategy 11.1.1

Exam physical structure and get recommendation for upgrades or new technologies that may need to be implemented.

Status: In Process

Timeline: On going

Responsible Individual/Dept: Maintenance Director

Evaluation Method/Measure of Success: Limited Down Time

Supporting Resources/Comments: Telco and One-Net



# Morris Public School, 2011 - 2014 Technology Plan

## Goals & Objectives: Budget Summary

Category	Year 1	Year 2	Year 3	Total
Administration & Support Services	\$0.00	\$0.00	\$0.00	\$0.00
Educator Competencies & Professional Development	\$8,500.00	\$8,000.00	\$8,000.00	\$24,500.00
Learners and Learning	\$53,000.00	\$53,000.00	\$53,000.00	\$159,000.00
Technology Capacity	\$41,500.00	\$41,500.00	\$41,500.00	\$124,500.00
<b>Total All Categories:</b>	<b>\$103,000.00</b>	<b>\$102,500.00</b>	<b>\$102,500.00</b>	<b>\$308,000.00</b>

## Morris Public School, 2011 - 2014 Technology Plan

### Budget

Sources of Funds	Year 1	Year 2	Year 3
Donations	\$0.00	\$0.00	\$0.00
E-Rate	\$211,410.00	\$75,944.00	\$78,222.00
General Funds	\$106,000.00	\$65,000.00	\$65,500.00
Grants	\$25,000.00	\$25,000.00	\$25,000.00
Other	\$0.00	\$0.00	\$0.00
<b>Total Sources of Funds:</b>	<b>\$342,410.00</b>	<b>\$165,944.00</b>	<b>\$168,722.00</b>

  

Technology Expenditures: Items Eligible for E-rate Discounts	Year 1	Year 2	Year 3
Internal Connections	\$178,803.00	\$0.00	\$0.00
Internet Access	\$49,212.00	\$50,688.00	\$52,209.00
Maintenance	\$16,320.00	\$16,810.00	\$17,314.00
Telecommunications	\$30,223.00	\$31,130.00	\$32,064.00
<b>Total E-rate Eligible items:</b>	<b>\$274,558.00</b>	<b>\$98,628.00</b>	<b>\$101,587.00</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	\$10,000.00	\$10,000.00	\$10,000.00
Professional Development, such as ongoing technology-related training for technical staff, teachers, and/or librarians	\$7,000.00	\$7,000.00	\$7,000.00
Retrofitting, such as electrical wiring, asbestos removal, building modifications, renovations and repair to support technology infrastructure	\$5,000.00	\$5,000.00	\$5,000.00
Software, such as end user applications	\$5,000.00	\$5,000.00	\$5,000.00
<b>Total Non-Erate Items:</b>	<b>\$67,000.00</b>	<b>\$67,000.00</b>	<b>\$67,000.00</b>
<b>Total Technology Expenditures</b>	<b>\$341,558.00</b>	<b>\$165,628.00</b>	<b>\$168,587.00</b>

# Morris Public School, 2011 - 2014 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.

Each teacher has a desktop located in their classroom and is connect to the internet. These machines must be kept up to date so teacher will be able to keep up with current technology.

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

Student produce multi-media digital projects that create more interest and greater understanding of a subject area.

N/A

Smartboards. We identify new technologies through networking with peers, attending conferences and reading.

# Morris Public School, 2011 - 2014 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\\_02PM0UINI6.pdf](http://www.erate470.com/tpc/documents/cipa2_02PM0UINI6.pdf)

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

CIPA Compliance Board Agenda & Minutes

[http://www.erate470.com/tpc/documents/cipa3\\_02PM0UINI6.pdf](http://www.erate470.com/tpc/documents/cipa3_02PM0UINI6.pdf)

### CIPA Certification

Morris CIPA Cert

[http://www.erate470.com/tpc/documents/cipa4\\_131G0MDLJE.pdf](http://www.erate470.com/tpc/documents/cipa4_131G0MDLJE.pdf)

# Morris Public School, 2011 - 2014 Technology Plan

## Appendix

### Attachments

**Attachment A**

Rubric of 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)

**Attachment F**

Internet Filter Snapshot

[http://www.erate470.com/tpc/documents/morr\\_filterlog\\_2009.pdf](http://www.erate470.com/tpc/documents/morr_filterlog_2009.pdf)

# Morris Public School, 2011 - 2014 Technology Plan

## E-Rate Alignment Report

E-Rate Requirements			
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US01	The plan must establish clear goals and a realistic strategy for using telecommunication and information technology to improve education or library services.	Goals & Objectives section is completed.	Complete
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E-Rate Requirements	Alignment Criteria	Status
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US02	The plan must have a professional development strategy to ensure that staff know how to use these new technologies to improve education or library services.	Objectives are aligned to professional development: US02.	Complete
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**Objectives Aligned:**

- 1.1 The district will use technology to coordinate the connection and sharing of all educational resources among all buildings and district personnel.
- 1.2 Staff development. Train teachers to use the technology.
- 1.3 Administrative staff will gain necessary skills to use technology to improve administrative and management effectiveness.
  
- 2.1 Teachers will gain the necessary technology skills to insure student mastery of grade level technology competencies
- 2.2 Technology will be used to encourage and support joint development and dissemination of curriculum.
- 3.2 District will ensure that technology is accessible to all students, including those with disabilities and those who are economically disadvantaged.
  
- 5.1 Purchase software that supports and enhances the curriculum.

E-Rate Requirements	Alignment Criteria	Status
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US03	The plan must include an assessment of the telecommunications services, hardware, software and other services that will be needed to improve education or library services.	Assessment section is completed.	Complete
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E-Rate Requirements	Alignment Criteria	Status
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US04	The plan must provide a 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.	Budget section is completed.	Complete
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E-Rate Requirements	Alignment Criteria	Status
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US05	The plan must include an evaluation process that enables the school or library to monitor progress toward the specified goals and make mid-course corrections in response to new developments and opportunities and they arise.	Evaluation section (except item 5 for updates) is completed.	Complete
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# Morris Public School, 2011 - 2014 Technology Plan

## NCLB Alignment Report

NCLB Requirements		Alignment Criteria	Status
ED01	Strategies for improving academic achievement and teacher effectiveness - strategies to improve the academic achievement, including technology literacy, of all students and to improve the capacity of all teachers to integrate technology effectively into curricula and instruction.	Aligned to an objective in Goals & Objectives Section.	Complete

**Objectives Aligned:**

- 6.1 Increase the number of students who use technology for thinking, learning, and producing quality products in a variety of modes
- 6.2 Students will be able interact with "live" information resources by using the Internet
- 10.1 Educate administration including superintendent and principals on importance of technology as an essential tool in learning and teaching.

NCLB Requirements		Alignment Criteria	Status
ED02	Goals for using advanced technology- specific goals for using advanced technology to improve student academic achievement, aligned with challenging State academic content and student academic achievement standards.	Aligned to an objective in Goals & Objectives Section.	Complete

**Objectives Aligned:**

- 6.1 Increase the number of students who use technology for thinking, learning, and producing quality products in a variety of modes
- 6.2 Students will be able interact with "live" information resources by using the Internet

NCLB Requirements		Alignment Criteria	Status
ED03	Steps to increase access to educational technology-to help ensure that (a) students in high-poverty and high-needs schools or schools identified for improvement or corrective action have access to technology and (b) teachers are prepared to integrate technology effectively into curricula and instruction.	Aligned to an objective in Goals & Objectives Section.	Complete

**Objectives Aligned:**

- 3.1 All students, teachers, staff and administrators will have equal access to technology.
- 3.2 District will ensure that technology is accessible to all students, including those with disabilities and those who are economically disadvantaged.
- 5.2 Provide Central location for using specialized curriculum software that can be accessed in classrooms as well as in the labs.
- 10.1 Educate administration including superintendent and principals on importance of technology as an essential tool in learning and teaching.

# Morris Public School, 2011 - 2014 Technology Plan

## NCLB Alignment Report

NCLB Requirements	Alignment Criteria	Status	
ED04A	Promotion of curricula and teaching strategies that integrate technology- 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.	Aligned to an objective in Goals & Objectives Section.	Complete

**Objectives Aligned:**

- 2.1 Teachers will gain the necessary technology skills to insure student mastery of grade level technology competencies
- 3.2 District will ensure that technology is accessible to all students, including those with disabilities and those who are economically disadvantaged.

NCLB Requirements	Alignment Criteria	Status	
ED04B	Professional development- provide ongoing, sustained professional development for teachers, principals, administrators, and school library media personnel to further the effective use of technology in the classroom or library media center.	Aligned to an objective in Goals & Objectives Section.	Complete

**Objectives Aligned:**

- 1.1 The district will use technology to coordinate the connection and sharing of all educational resources among all buildings and district personnel.
- 1.2 Staff development. Train teachers to use the technology.
- 1.3 Administrative staff will gain necessary skills to use technology to improve administrative and management effectiveness.
- 2.1 Teachers will gain the necessary technology skills to insure student mastery of grade level technology competencies
- 2.2 Technology will be used to encourage and support joint development and dissemination of curriculum.
- 3.2 District will ensure that technology is accessible to all students, including those with disabilities and those who are economically disadvantaged.
- 5.1 Purchase software that supports and enhances the curriculum.

NCLB Requirements	Alignment Criteria	Status	
ED05	Technology type and costs- a description of the type and costs of technology to be acquired, including services, software, and digital curricula, and including specific provisions for interoperability among components of such technologies.	Aligned to an objective in Goals & Objectives Section.	Complete

**Objectives Aligned:**

- 4.1 District technology must be manageable and flexible to adapt to future growth and technical change.
- 4.2 Create and maintain a complete inventory of installed technology.
- 4.3 Provide adequate Internet Access and Telecommunications to support learning goals and administrative needs.
- 5.1 Purchase software that supports and enhances the curriculum.



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## NCLB Alignment Report

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

11.1 Exam equipment to see if updates are needed.

NCLB Requirements		Alignment Criteria	Status
ED06	Coordination with other resources- plan for coordinating activities carried out with funds provided by E-Rate and Title II, Part D, with funds available from other Federal, State, and local sources.	Aligned to an objective in Goals & Objectives Section.	Complete

**Objectives Aligned:**

- 1.1 The district will use technology to coordinate the connection and sharing of all educational resources among all buildings and district personnel.
- 1.2 Staff development. Train teachers to use the technology.
- 2.1 Teachers will gain the necessary technology skills to insure student mastery of grade level technology competencies
- 3.1 All students, teachers, staff and administrators will have equal access to technology.
- 3.2 District will ensure that technology is accessible to all students, including those with disabilities and those who are economically disadvantaged.
- 4.1 District technology must be manageable and flexible to adapt to future growth and technical change.
- 4.3 Provide adequate Internet Access and Telecommunications to support learning goals and administrative needs.
- 5.1 Purchase software that supports and enhances the curriculum.
- 6.1 Increase the number of students who use technology for thinking, learning, and producing quality products in a variety of modes
- 6.2 Students will be able interact with "live" information resources by using the Internet
- 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.
- 8.1 Develop and maintain a district web site for school and community-wide communication and collaboration.
- 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.

NCLB Requirements		Alignment Criteria	Status
ED07	Integration of technology with curricula and instruction- plan for integrating technology (including software and other electronically delivered learning materials) into curricula and instruction, and a timeline for this integration.	Aligned to an objective in Goals & Objectives Section.	Complete

**Objectives Aligned:**

- 5.1 Purchase software that supports and enhances the curriculum.

NCLB Requirements		Alignment Criteria	Status
ED08	Innovative delivery strategies- plan for encouraging the development and use of innovative strategies for the delivery of specialized or rigorous courses and curricula through the use of technology, including	Aligned to an objective in Goals & Objectives Section.	Complete

# Morris Public School, 2011 - 2014 Technology Plan

## NCLB Alignment Report

	distance learning technologies, particularly in areas that would not otherwise have access to such courses or curricula due to geographical isolation or insufficient resources.		
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**Objectives Aligned:**

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

NCLB Requirements		Alignment Criteria	Status
ED09	Parental involvement- plan to ensure the effective use of technology to promote parental involvement and increase communication with parents, including a description of how parents will be informed of the technology being applied in their child's education so that the parents are able to reinforce at home the instruction their child receives at school.	Aligned to an objective in Goals & Objectives Section.	Complete

**Objectives Aligned:**

- 6.1 Increase the number of students who use technology for thinking, learning, and producing quality products in a variety of modes
- 6.2 Students will be able interact with "live" information resources by using the Internet
- 8.1 Develop and maintain a district web site for school and community-wide communication and collaboration.
- 8.2 Implement and monitor the consistent practice of increasing communications about student achievement among students, parents and staff.

NCLB Requirements		Alignment Criteria	Status
ED10	Collaboration with adult literacy service providers- description of how programs will be developed, where applicable, in collaboration with adult literacy service providers, to maximize the use of technology.	Aligned to an objective in Goals & Objectives Section.	Complete

**Objectives Aligned:**

- 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.

NCLB Requirements		Alignment Criteria	Status
ED11	Accountability measures- description of the process and accountability measures that will be used to evaluate the extent to which activities are effective in integrating technology into curricula and instruction, increasing the ability of teachers to teach, and enabling students to meet challenging State academic content and student academic achievement standards.	Completion of Evaluation Method/Measure of Success for strategies listed in the Goals & Objectives Section.	Complete

## Morris Public School, 2011 - 2014 Technology Plan NCLB Alignment Report

NCLB Requirements		Alignment Criteria	Status
ED12	Supporting resources- description of the supporting resources (such as services, software, other electronically delivered learning materials, and print resources) that will be acquired to ensure successful and effective uses of technology.	Completion of Supporting Resources for strategies listed in the Goals & Objectives Section.	Complete

NCLB Requirements		Alignment Criteria	Status
US05	The plan must include an evaluation process that enables the school or library to monitor progress toward the specified goals and make mid-course corrections in response to new developments and opportunities and they arise.	Evaluation section (except item 5 for updates) is completed.	Complete