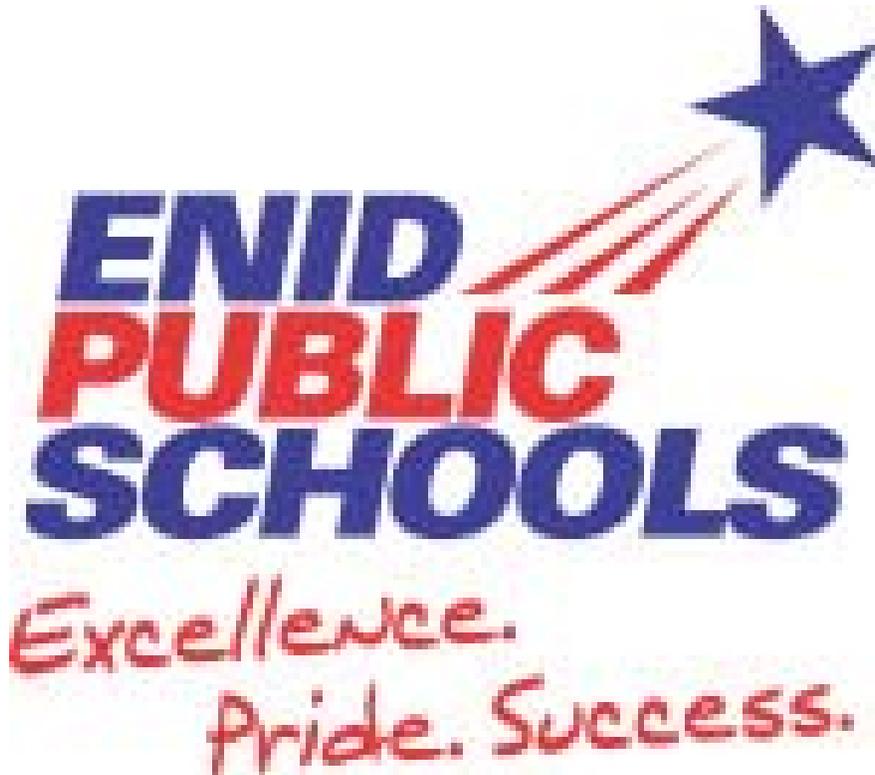# Technology Plan
2011 - 2014

Enid Indep School District 57
Enid, OK

Enid Indep School District 57
Superintendent: Shawn D. Hime
Mailing Address: 500 S Independence St
City, State Zip: Enid, OK 73701-5693

Contact Person: Jeffery A. Herbel, Director of Information Technology
Telephone: 580-366-7000
Fax Number: use email

Enid Indep School District 57, 2011 - 2014 Technology Plan

Introduction

District Information

District Name: Enid Indep School District 57
County Name: Garfield
County-District: 24-IO57
Superintendent: Shawn D. Hime
Mailing Address: 500 S Independence St
Enid, OK 73701-5693

Contact Information

Contact Name: Jeffery A. Herbel
Contact Title: Director of Information Technology
Contact Email: erate@enidk12.org
Contact Phone: 580-366-7000
Contact Fax: use email

Demographics

Average Enrollment (ADM): 6,603
Number of Certified Staff: 545
Low Income Percentage: 75
Number of School Sites: 15

Tech Plan Duration

Beginning Year: 2011
Ending Year: 2014

Technology Committee

Jeffery A. Herbel	Director of Information Technology
Dr. Ruth Ann Erdner	Assistant Superintendent of Instruction
Willa Jo Fowler	Board Member
Alan Seibel	Board Member
Karl White	Business Manager / Board Clerk
David McCune	Director of Special Services
Amber Fitzgerald	Director of School and Community Services
Clayton Nolen	Administrator – Carver Center
Jane Johnson	Principal – Hayes Elementary School
Kay Kiner	Principal – Monroe Elementary School
John Garvie	Principal – Waller Middle School
Jim Beierschmitt	Principal – Enid High School
Pat Davis	Librarian – Secondary Coordinator
Jonette Bracy	Librarian – Elementary Coordinator
Marie Pierce	Teacher
Brenda Zweifel	Teacher
Dan Gilliland	Teacher
Lynne Peters	Teacher
Kent Chesser	Teacher
Tyler Pearson	Network Administrator

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Introduction

Mike Shellito	Server Administrator
Hillary Hinderliter	IT – Technician
Jason Stuever	IT – Technician
Tana Garrison	IT – Technician
Joey Sehorn	PowerSchool Database Administrator
Warren Hempfling	Telcom / AV Supervisor
Mark Ray	Telcom / AV Tech
Dan Buckley	Community
Kelly Wright	Community

Executive Summary

The Enid Public School District has recognized the importance for the demands of accurate and timely information including the extraction of data across multiple platforms. The task of obtaining accurate data has become extremely difficult and expensive. Additionally, new legislation is requiring all districts to move forward with plans to make data-driven decisions that will be stored centrally in a student-achievement, data warehouse. To address these issues, Enid's Information Technology Department has begun the process of implementing third-party software solutions in order to address the district's core software needs. The purpose of this process is to significantly reduce operational costs over the short term and to alleviate site-specific silos of information by centralizing data throughout the district.

Vision

Enid Public School envisions that our students will become lifelong learners through educational excellence. We will achieve educational excellence through fully integrating technology in to our classrooms, making its use as seamless as using the chalkboard. All Administrators, Teachers, Staff and Students will meet the standards listed by ISTE's (The International Society for Technology in Education) NETS (National Educational Technology Standards)

Mission

Our mission is to create environments that promote life-long learning by providing technologies that are naturally integrated into teaching and learning, as well as making the business functions essential for the management of the Enid Public School District as effective and efficient as possible.

Assessment - Existing Inventory

Operating Systems

Operating systems used at your district:
MS Windows XP, MS Windows Server 2003

Computers

 # Servers:
29

 # Workstations < 3 yrs old:
500

 # Workstations > 3 yrs old:
1800

Average # of students to workstation ratio:
3:1

Average # of teachers to workstation ratio:
1:1

Peripherals

Peripherals installed at your district:
various local printers: 500
SMARTBoards: 350
document cameras: 95
SMARTSlates: 60
iPads: 300 for student use
iPads: 70 for Administration

Other

Other technology hardware:
Tandberg and Polycom Video Conference units: 10

Networks: Local or Wide Area

Network Connectivity:
All schools connect to the central office at 1000mbps, central office connects to the internet at 100mbps.

Bandwidth

Bandwidth speed of Local Area Network (LAN):
100 and1000mbps

Bandwidth speed of Campus/Metropolitan Area Network (MAN):
1000mbps

Bandwidth speed of wide area network (WAN):
100 mbps

Assessment - Existing Inventory

Telephone Access

 # Cell phones:

200

# of phone lines:

283

Internal Phone System:

PBX system connecting all buildings except 4 sites.
4 Sites with Cisco VoIP system with voice mail

Email

Email Usage of District:

email used by staff & administration only

Software Applications

Software Applications Installed:

Microsoft Office, Adobe Acrobat, Successmaker, Accelerated Math, Accelerated Reader, StarMath, StarReader

School Information Management System

Student Information System:

PowerSchool, Pearson Digital, Dell PowerEdge 6950, SIF compliant

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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).

A. Technology Administration & Support	Stage 1	Stage 2	Stage 3	Stage 4
Vision Planning & Policy	■	■	■	
Technology Support	■	■	■	
Instructional Technology Staffing	■	■		
Budget	■	■	■	
Electronic Data Support Systems	■	■	■	■
Funding	■	■	■	

B. Technology Capacity	Stage 1	Stage 2	Stage 3	Stage 4
Student Technology Equipment Access	■	■	■	
Teacher Technology Equipment Access	■	■	■	
Internet Access	■	■	■	
Video Capacity	■	■	■	
Distance Learning; Conditions & Capabilities	■	■	■	
LAN/WAN	■	■	■	■
Curriculum based tools	■	■	■	

C. Educator Competencies & Professional Development	Stage 1	Stage 2	Stage 3	Stage 4
Educator use of technology	■	■	■	
Leadership	■	■	■	
Professional Development	■	■	■	
Models of Professional Development	■	■	■	
Effective Use of Electronic Data Support System	■	■	■	■
Content of Technology Training	■	■	■	

D. Learners and Learning	Stage 1	Stage 2	Stage 3	Stage 4
Student Use of Technology	■	■	■	
Technology Integration	■	■	■	
Available Technology Curriculum	■	■	■	
Community Connection	■	■	■	
Demonstrating Effective Use of Technology in Learning	■	■	■	

E. Accountability	Stage 1	Stage 2	Stage 3	Stage 4
Student Technology Essential Learnings	■	■	■	
Administrator Technology Competency	■	■	■	
Teacher Technology Competencies	■	■	■	

Assessment - Current Use & Identified Needs

District's Current Use of Technology

The goal curriculum integration is to provide services, training, assessment, and hardware that will increase daily integration of student learning. The district will continue to provide professional development in the areas of computer usage, curriculum alignment, online testing, SMARTBoards, clickers, blackboard, PowerPoint, technology assessment, and UnitedStreaming. The district will increase instructional integration of technology to upgrade software and hardware that will facilitate and equip students with the skills needed in a constantly growing technological society. Training is provided, as new technologies are made available. Teachers will be able to access to "awareness" workshops which will introduce staff to cutting edge resources on a continuing basis. Staff training facilitates best-practice usage for network utilization, curriculum integration, SMARTBoards, and other equipment.

Identified Needs

Technology planning can be the catalyst used to enhance a school's vision for the future, to strengthen its learning goals and to help realize its mission. The technology planning process itself must weigh the relationship between technology investments and student growth to be deemed successful. Technology planning requires that schools be willing to make substantial investments in time, resources, and support. Viewing technology planning as a process instead of an event requires thinking and development. Implementation of AdvancED will allow collaborative planning between grade levels and school sites. Stakeholders of the district will be involved in the planning process which will enhance life-long learning. Today, new technology opportunities require stakeholders to rethink the plausibility of technology in the classroom. The planning process must address how technology will be used by students and staff, not just what equipment it will involve. The technology planning process will integrate the technology across the curriculum. This provides for ongoing student growth and learning. A collaborative effort between technology professionals and teachers can develop the most comprehensive, and successful technology plan which enhances student learning. To accomplish these plans and needs, we will utilize new and existing network links/equipment between schools to reduce redundant and/or unnecessary equipment such as phone lines. We will also replace network equipment as they age and that can no longer be on a maintenance contract to ensure that the faculty and student body will not have to suspend curriculum activities due to network outages.

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Assessment - Technologies to be Acquired

Technologies to be Acquired	Enhancement of Teaching	Enhancement of Training	Enhancement of Student Achievement
Basic Maintenance	Ensures all technology is operational for learning activities.	Ensures all technology is operational for learning activities.	Reliable access to technology equipment.
Computer workstations for classrooms and computer labs.	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.
Curriculum software	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.
Digital camera and/or digital video camera and LCD projector	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.
Distance Learning Equipment & Software / Conferencing Services	Allows the school district to offer courses to meet specific students' needs. Access to conferencing services will enable wider access to educational resources.	Teachers can access a wide variety of training using the distance learning system. Conferencing services will enable the use of providers of training from anywhere in the US.	Students will be able to take the courses and participate in new learning experiences they need to meet curriculum objectives.
Electronic White Boards	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.
Email Services	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.

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Assessment - Technologies to be Acquired

Technologies to be Acquired	Enhancement of Teaching	Enhancement of Training	Enhancement of Student Achievement
File server for administrative use.	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
Firewall-Data Protection	A firewall will protect the network from intrusions from hackers and others and will keep the network operational.	The existence of the firewall will insure that the network is up and running in a safe environment for use in training and delivery of access to educational resources.	Students can safely use the network being protected from those who would harm them or the network.
Internet Access using Broadband Circuits	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.
Internet filtering/virus protection annually renewable	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.
Network Cabling and Connectors. Fiber Connections between buildings and/or leased circuits.	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.
Network Equipment for data distribution (access points, switches, routers)	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.
Printers and fax machines	Enables teachers to print documents for use in class. Fax machines provide means for sharing documents throughout the district and with outside stakeholders.	Printed documents provide reference materials for use in training.	Students will use printed materials for reference and to complete coursework.
Professional development	Teachers will have access to learning	Teachers will participate in continuous	Students will receive more targeted

Assessment - Technologies to be Acquired

Technologies to be Acquired	Enhancement of Teaching	Enhancement of Training	Enhancement of Student Achievement
	activities, lesson plans, web excursions, lesson planning tools, and professional development activities.	professional development as they implement the use of the resources in the professional development package.	instruction and have access to additional learning activities.
Research computers for the library	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.
Server(s)	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.
Student Management Software	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.
Telecommunications Services, Phone Service, Long Distance, Cell Phones and Pagers, Phone System or Services such as PlexarVoice Mail	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.
Training for staff on distance learning equipment	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.
Training for staff on how to integrate technology into the curriculum	Staff will learn how to use technology as an integral part of the curriculum thereby providing a technology-enriched learning environment	Proven methods for using technology as a tool for both teaching and learning will enhance the staff's training experience in both retention and comprehension of the materials presented.	Students will be more involved in learning as technology is integrated into the curriculum

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Assessment - Technologies to be Acquired

Technologies to be Acquired	Enhancement of Teaching	Enhancement of Training	Enhancement of Student Achievement
Training for staff on new technologies	Staff will use new technologies to enhance instruction.	Training will help teachers become proficient users.	Students will be more involved in learning as technology is integrated into the curriculum.
UPS equipment and backup systems.	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.
Voice over IP system with messaging	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.
Web hosting-District web site	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

iPads labs

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Goals & Objectives

Goal 1

ADMINISTRATIVE & SUPPORT SERVICES GOALS

Objective 1.1

Administrator computer applications will be implemented to allow the principals more time to focus on instructional issues thereby increasing the effectiveness and capacity of the administration.

Category: Administration & Support Services

Budget Y1: $100,000.00   Budget Y2: $100,000.00   Budget Y3: $100,000.00

Strategy 1.1.1

The district will pursue and utilize funding resources including private, public, local, state and federal sources. This will be measured by analyzing the funding resources received from the entities listed above.

Status: In Process

Timeline: 3 years

Responsible Individual/Dept: I.T. Director

Evaluation Method/Measure of Success: A. The number of computer applications installed B. The amount of time spent by the principals on instructional issues

Supporting Resources/Comments: Professional development will be provided throughout the school year to educate administration & support staff on the newest technology and applications in use.

Goal 2

TECHNOLOGY CAPACITY

Objective 2.1

Complete and maintain a local and wide area network (LAN/WAN) to facilitate student achievement, provide access for parents to use a Parent Portal and online grade book, and provide training for the network's use and abilities.

Category: Technology Capacity

Budget Y1: $500,000.00   Budget Y2: $500,000.00   Budget Y3: $500,000.00

Strategy 2.1.1

Use funds from both E-Rate and OUSF to enable and maintain high-speed MAN that will allow state mandated online testing and student/teacher research.

Status: In Process

Timeline: Continual

Responsible Individual/Dept: I.T. Director

Evaluation Method/Measure of Success: This will be measured by annual inventories, certifications, technology work orders and turnaround time, and input from stakeholders.

Supporting Resources/Comments: Funds for replacement equipment (switches, servers, etc.) will be used in conjunction with E-Rate funds to upgrade necessary equipment to accomplish the stated goal.

Goals & Objectives

Strategy 2.1.2

The network is/will be utilized to enable access to a single online grade book to be used for the district that can be viewed by parents.

Status: Complete

Timeline: Completed

Responsible Individual/Dept: I.T. Director

Evaluation Method/Measure of Success: This will be measured by number of hits on Parent Portal, surveys, and stakeholders input.

Supporting Resources/Comments: This will be done by on-site instructor training, online training, FAQ's, etc. The training will be instructed by school personnel.

Strategy 2.1.3

Professional development and proper use of the MAN will be provided throughout the school year to educate teachers and staff on the newest technology in use.

Status: In Process

Timeline: Ongoing

Responsible Individual/Dept: I.T. Director

Evaluation Method/Measure of Success: This will be measured by the number of professional development trainings offered and the end-of-training evaluation forms.

Supporting Resources/Comments: This will be done by on-site instructor training, off-site instructor training, online training, etc. The training will be instructed by I.T. personnel and by other professionals.

Strategy 2.1.4

Introduce a scalable, user friendly phone system with voice-mail that will reduce cost by decreasing the total number of POTS lines required even as the number of end-stations grows. The phone system will have the capability to use the existing network infrastructure.

Status: Planned

Timeline: 2 years

Responsible Individual/Dept: I.T. Director

Evaluation Method/Measure of Success: This will be measured by: number of total POTS lines reduced, reduction of time and cost spent relocating existing lines, number of installations, and surveys of users.

Supporting Resources/Comments: Funds for equipment (phones, centralized management, switches, etc.) will be used in conjunction with E-Rate funds to upgrade necessary equipment to accomplish the stated goal. Professional development will be provided throughout the school year in correlation with workshops to educate staff on best practices. This will be done by on-site instructor training, off-site instructor training, online training, etc. The training will be instructed by I.T. personnel and by other professionals.

Goal 3

EDUCATION COMPETENCIES & PROFESSIONAL DEVELOPMENT

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Goals & Objectives

Objective 3.1

Education competencies will be enhanced by broadening teachers' resource base via the internet allowing integration and shared lessons using technology.

Category: Educator Competencies & Professional Development

Budget Y1: $170,000.00   Budget Y2: $170,000.00   Budget Y3: $170,000.00

Strategy 3.1.1

Professional development will be provided throughout the school year to educate teachers on the newest technology in use district wide. This will be done by on-site instructor training, off-site instructor training, online training, etc. This will be measured by the number of professional development trainings offered and the end-of-training evaluation forms.

Status: In Process

Timeline: Continual

Responsible Individual/Dept: I.T. Director

Evaluation Method/Measure of Success: This will be measured by: 1. Principal evaluations 2. Professional Development Committee evaluations 3. pre/post surveys 4. Stakeholders input.

Supporting Resources/Comments: Professional development will be provided throughout the school year in correlation with workshops to educate staff on the best practices and integration of technologies and applications in use.

Goal 4

LEARNERS & LEARNING TO IMPROVE ACADEMIC ACHIEVEMENT

Objective 4.1

Student academic achievement will be facilitated by utilizing the local and wide area networks.

Category: Learners and Learning

Budget Y1: $1,580,000.00   Budget Y2: $1,600,000.00   Budget Y3: $1,600,000.00

Strategy 4.1.1

Activities will include appropriate curriculum software, online testing (i.e. state mandated CRT & EOI), accessing multimedia & internet resources, and Parent Portal.

Status: In Process

Timeline: Continual

Responsible Individual/Dept: I.T. Director

Evaluation Method/Measure of Success: Activities will be measured by: 1. Number of curriculum software programs 2. Student usage time on computer 3. Number of students tested online 4. Number of hits on Parent Portal 5. Academic achievement gain or loss based on state mandated test scores.

Supporting Resources/Comments: Professional development will be provided throughout the school year in correlation with workshops to educate staff on the best practices and integration of technologies and applications in use.

Goals & Objectives

Strategy 4.1.2

Implement technologies that allow classrooms to connect to video conferences to explore discussions from across the district to across the world. Video conferencing will also allow classrooms to experience virtual field trips that would not otherwise be possible.

Status: In Process

Timeline: Continual

Responsible Individual/Dept: I.T. Director

Evaluation Method/Measure of Success: Activities will be measured by: 1. Number of installations 2. Student usage in classroom or other learning center 3. Number of conferences scheduled and/or attended.

Supporting Resources/Comments: Professional development will be provided throughout the school year in correlation with workshops to educate staff on the best practices and integration of technologies and applications in use.

Strategy 4.1.3

Implement a video distribution model to allow teachers and student access to saved instructional videos with on-demand payback.

Status: Planned

Timeline: 3 years

Responsible Individual/Dept: I.T. Director

Evaluation Method/Measure of Success: This will be measured by: number of videos served, surveys, feedback from teachers and students.

Supporting Resources/Comments: Professional development will be provided throughout the school year in correlation with workshops to educate staff on how to incorporate multimedia clips into daily lesson plans and enhance the current and future curriculum.

Strategy 4.1.4

The district will use technology to form a community and literacy network for adults.

Status: In Process

Timeline: Continual

Responsible Individual/Dept: Clayton Nolen

Evaluation Method/Measure of Success: Evaluation would be determined by the number of participants and end of program surveys. This will be used to help develop programs in the future.

Supporting Resources/Comments: Adult learning literacy programs will assist individuals to improve their educational background. A computer lab at Carver Center will provide reinforcement instruction for all students in English grammar and usage, mathematics, natural science, social studies, and literature. The district will apply for grants that will enhance adult literacy.

Education programs developing Literacy Task Analysis of a specific job skill will enhance a more productive employee in the workforce. Evening classes will be offered for adult literacy non-English speaking with specific emphasis on English as a second language. Adults Learn To Read is a course that would be offered to teach reading on a one to one basis.

Computer literacy programs offering hands on, comprehensive introduction to personal computers for adults with little or no knowledge will be offered to the adults in the community.

Goals & Objectives

There programs will be used to identify community partners willing to collaborate with the school system regarding instructional, technical, and professional development issues. A basic skills program will be offered as an adult literacy course collaboration with the Adult literacy Council will allow a more comprehensive adult education program and maximize the use of technology.

The adult literacy programs will be aligned to meet the goals and reflections of the district as well as No Child Left Behind.

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Goals & Objectives: Budget Summary

Category	Year 1	Year 2	Year 3	Total
Administration & Support Services	$100,000.00	$100,000.00	$100,000.00	$300,000.00
Educator Competencies & Professional Development	$170,000.00	$170,000.00	$170,000.00	$510,000.00
Learners and Learning	$1,580,000.00	$1,600,000.00	$1,600,000.00	$4,780,000.00
Technology Capacity	$500,000.00	$500,000.00	$500,000.00	$1,500,000.00
Total All Categories:	**$2,350,000.00**	**$2,370,000.00**	**$2,370,000.00**	**$7,090,000.00**

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Budget

Sources of Funds	Year 1	Year 2	Year 3
Donations	$80,000.00	$80,000.00	$80,000.00
E-Rate	$2,175,276.00	$796,680.00	$820,580.00
General Funds	$1,085,600.00	$803,200.00	$808,100.00
Grants	$50,000.00	$50,000.00	$50,000.00
Other	$600,000.00	$600,000.00	$600,000.00
Total Sources of Funds:	**$3,990,876.00**	**$2,329,880.00**	**$2,358,680.00**

Technology Expenditures: Items Eligible for E-rate Discounts	Year 1	Year 2	Year 3
Internal Connections	$1,688,917.00	$0.00	$0.00
Internet Access	$181,027.00	$186,458.00	$192,052.00
Maintenance	$52,948.00	$54,536.00	$56,172.00
Telecommunications	$697,923.00	$718,861.00	$740,427.00
Total Erate Eligible items:	**$2,620,815.00**	**$959,855.00**	**$988,651.00**

Non-Erate Items	Year 1	Year 2	Year 3
Hardware, such as computers, printers, fax machines, video equipment, scanners, CD-ROM drives and servers	$600,000.00	$600,000.00	$600,000.00
Maintenance, such as systems maintenance and operations costs for ineligible hardware and software and salaries of technical staff	$200,000.00	$200,000.00	$200,000.00
Professional Development, such as ongoing technology-related training for technical staff, teachers, and/or librarians	$170,000.00	$170,000.00	$170,000.00
Retrofitting, such as electrical wiring, asbestos removal, building modifications, renovations and repair to support technology infrastructure	$300,000.00	$300,000.00	$300,000.00
Software, such as end user applications	$100,000.00	$100,000.00	$100,000.00
Total Non-Erate Items:	**$1,370,000.00**	**$1,370,000.00**	**$1,370,000.00**
Total Technology Expenditures	**$3,990,815.00**	**$2,329,855.00**	**$2,358,651.00**

Evaluation

Responsibility

The ultimate responsibility lies with the Director of Technology. Input for stakeholders and the district-wide technology committee will be used in monitoring the plan. The technology plan will be submitted to the Enid Board of Education for official approval and then submitted to the Oklahoma State Department of Education for final approval.

Evaluation Process

The technology plan will be reviewed annually to measure the progress of all components including professional development, curriculum and instruction, assessment and reporting, equipment and network design, maintenance and support, and financial issues.

The technology steering committee will adopt a detailed evaluation plan that will measure the efficiency of target goals as they are related to services provided to the district. Both formative and summation evaluations will be used to evaluate the district technology plan. Goals and objectives will be evaluated on a daily basis as teachers implement strategies in the classroom. Curriculum changes will be made as the district examines strengths and weaknesses of the adopted plan. As weaknesses are identified, action plans will be developed and implemented on an ongoing basis. Formative evaluations will include: daily lessons, weekly test, classroom observations, quarterly report cards, benchmark tests, and input from stakeholders. Summation evaluations will include: end of year professional development, criterion referenced tests, end of instruction tests, advanced placement tests, AYP (Average Yearly Progress), API (Academic Performance Index), stakeholder surveys, and the AdvancED exit report.

Evaluation Timeframe

The plan will be evaluated using both formative and summation evaluations. The formative process will be ongoing throughout the entire school year. The summation process will take place in April and May of each school year. The plan will be updated as the evaluation process indicates changes need to be made. The total plan will be updated on an annual basis.

Evaluation Findings

The district wide technology committee will communicate and distribute the evaluation findings through e-mail, staff meetings, newsletters, the Enid Public School website, and reported to the Enid Board of Education at a regularly scheduled meeting. The findings will be reported to the Oklahoma State Department of Education as required.

Evaluation Analysis - Annual Updates Only

ADMINISTRATIVE & SUPPORT SERVICES GOALS
We are working on increasing the use of Email as a form of communication. Email allows for instant contact, and gives the principals the capability to reach all staff in a timelier manner.

TECHNOLOGY CAPACITY
The District is currently providing all Special Ed teachers with laptops.
EDUCATION COMPETENCIES & PROFESSIONAL DEVELOPMENT
The District has created a Technology Professional Development day. The focus of this day is to help integrate Technology into the classroom.

No.

LEARNERS & LEARNING TO IMPROVE ACADEMIC ACHIEVEMENT
Implement technologies that allow classrooms to connect to video conferences to explore discussions

from across the district to across the world. Video conferencing will also allow classrooms to experience virtual field trips that would not otherwise be possible.

There has not been a driving factor in place to insure that this goal is met. The equipment in place is not as easy to use as newer technology.

We must find easier ways to do video conferencing and virtual field trips, one way it to integrate the use of Smartboards in the classroom. We will also look at providing all teachers laptops.

iPads will allow for the implementation of a one to one initiative. The size of deployment is still yet to be determined. Attending conferences is very helpful; district staff attends the State Leadership Conference, Encyclo-Media, OTA, ISTE's NECC and others. Networking with peers is also very helpful, the Director of Information Technology is a member if the State's Technology Directors Listserve which connects all the technology directors in the state. Personal contact with Technology Directors throughout the state helps Enid know what other districts are doing, what technology is working and what is not.

Enid Indep School District 57, 2011 - 2014 Technology Plan
CIPA (Children's Internet Protection Act) Compliance

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

R3000, 8e6 Technologies

Internet Acceptable Use Policy

User Agreement

http://www.erate470.com/tpc/documents/cipa2_12PL0N6CAF.pdf

http://www.enidk12.org/%7Eitdepartment/policies/User%20Agreement.pdf

Board Meeting Agenda and Minutes When CIPA Compliance Last Discussed

CIPA Compliance Board Minutes

http://www.erate470.com/tpc/documents/cipa3_030W0KCHEK.pdf

CIPA Certification

CIPA Certification

http://www.erate470.com/tpc/documents/cipa4_030W0KCHEK.pdf

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

Enid Public Schools 2009-10 CIPA Certification

http://www.erate470.com/tpc/documents/enid_cipacert_2010.pdf

Enid Indep School District 57, 2011 - 2014 Technology Plan
E-Rate Alignment Report

E-Rate Requirements		
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

E-Rate Requirements	Alignment Criteria	Status
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

Objectives Aligned:

1.1   Administrator computer applications will be implemented to allow the principals more time to focus on instructional issues thereby increasing the effectiveness and capacity of the administration.

2.1   Complete and maintain a local and wide area network (LAN/WAN) to facilitate student achievement, provide access for parents to use a Parent Portal and online grade book, and provide training for the network's use and abilities.

3.1   Education competencies will be enhanced by broadening teachers' resource base via the internet allowing integration and shared lessons using technology.

4.1   Student academic achievement will be facilitated by utilizing the local and wide area networks.

E-Rate Requirements	Alignment Criteria	Status
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

E-Rate Requirements	Alignment Criteria	Status
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

E-Rate 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

Enid Indep School District 57, 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:

1.1   Administrator computer applications will be implemented to allow the principals more time to focus on instructional issues thereby increasing the effectiveness and capacity of the administration.

2.1   Complete and maintain a local and wide area network (LAN/WAN) to facilitate student achievement, provide access for parents to use a Parent Portal and online grade book, and provide training for the network's use and abilities.

3.1   Education competencies will be enhanced by broadening teachers' resource base via the internet allowing integration and shared lessons using technology.

4.1   Student academic achievement will be facilitated by utilizing the local and wide area networks.

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:

2.1   Complete and maintain a local and wide area network (LAN/WAN) to facilitate student achievement, provide access for parents to use a Parent Portal and online grade book, and provide training for the network's use and abilities.

4.1   Student academic achievement will be facilitated by utilizing the local and wide area networks.

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:

2.1   Complete and maintain a local and wide area network (LAN/WAN) to facilitate student achievement, provide access for parents to use a Parent Portal and online grade book, and provide training for the network's use and abilities.

4.1   Student academic achievement will be facilitated by utilizing the local and wide area networks.

Enid Indep School District 57, 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 Complete and maintain a local and wide area network (LAN/WAN) to facilitate student achievement, provide access for parents to use a Parent Portal and online grade book, and provide training for the network's use and abilities.

3.1 Education competencies will be enhanced by broadening teachers' resource base via the internet allowing integration and shared lessons using technology.

4.1 Student academic achievement will be facilitated by utilizing the local and wide area networks.

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 Administrator computer applications will be implemented to allow the principals more time to focus on instructional issues thereby increasing the effectiveness and capacity of the administration.

2.1 Complete and maintain a local and wide area network (LAN/WAN) to facilitate student achievement, provide access for parents to use a Parent Portal and online grade book, and provide training for the network's use and abilities.

3.1 Education competencies will be enhanced by broadening teachers' resource base via the internet allowing integration and shared lessons using technology.

4.1 Student academic achievement will be facilitated by utilizing the local and wide area networks.

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:

1.1 Administrator computer applications will be implemented to allow the principals more time to focus on instructional issues thereby increasing the effectiveness and capacity of the administration.

2.1 Complete and maintain a local and wide area network (LAN/WAN) to facilitate student achievement, provide access for parents to use a Parent Portal and online grade book, and provide training for the network's use and abilities.

4.1 Student academic achievement will be facilitated by utilizing the local and wide area networks.

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:

2.1   Complete and maintain a local and wide area network (LAN/WAN) to facilitate student achievement, provide access for parents to use a Parent Portal and online grade book, and provide training for the network's use and abilities.

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:

3.1   Education competencies will be enhanced by broadening teachers' resource base via the internet allowing integration and shared lessons using technology.

4.1   Student academic achievement will be facilitated by utilizing the local and wide area networks.

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 distance learning technologies, particularly in areas that would not otherwise have access to such courses or curricula due to geographical isolation or insufficient resources.	Aligned to an objective in Goals & Objectives Section.	Complete

Objectives Aligned:

4.1   Student academic achievement will be facilitated by utilizing the local and wide area networks.

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:

2.1   Complete and maintain a local and wide area network (LAN/WAN) to facilitate student achievement, provide access for parents to use a Parent Portal and online grade book, and provide training for the network's use and abilities.

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:

4.1   Student academic achievement will be facilitated by utilizing the local and wide area networks.

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

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