

Technology Plan 2009 - 2012

**Vanoss Indep School District 9
Ada, OK**



Vanoss Indep School District 9
Superintendent: Janet Blocker
Mailing Address: 4665 County Rd 1555
City, State Zip: Ada, OK 74820-4149

Contact Person: Beverly Rambo, Technology Director
Telephone: 580-759-2494 x 113
Fax Number: 580-759-3080

Vanoss Indep School District 9, 2009 - 2012 Technology Plan

Introduction

District Information

District Name: Vanoss Indep School District 9
County Name: Pontotoc
County-District: 62-1009
Superintendent: Janet Blocker
Mailing Address: 4665 County Rd 1555
Ada, OK 74820-4149

Contact Information

Contact Name: Beverly Rambo
Contact Title: Technology Director
Contact Email: brambo@vanoss.k12.ok.us
Contact Phone: 580-759-2494 x 113
Contact Fax: 580-759-3080

Demographics

Average Enrollment (ADM): 520
Number of Certified Staff: 47
Low Income Percentage: 90
Number of School Sites: 2

Tech Plan Duration

Beginning Year: 2009
Ending Year: 2012

Technology Committee

Janet Blocker, Superintendent
Kathy Wellington, Principal
Gary Self, Principal
Shawn Reeves, Principal
Beverly Rambo, LMS & Tech Director
Carol Lamb, H.S. Teacher
Linda Marks, Lower Elementary Teacher
Deana Anderson, School Board Member
Deborah Oliver, M.S. Teacher
Charles Hill, M.S. Teacher
Ann Mullins, Technology
Cindy Byrd, Teacher
Carla Henry, Parent
Kathi Scofield, Parent
Collin Low, Student

Executive Summary

Vanoss School is located in the Northwest quadrant of Pontotoc County in Southeastern Oklahoma. It is situated fifteen miles west of Ada, the county seat.

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Introduction

Vanoss is a rural school district with an enrollment of about 520 PK-12th grade students. The district covers 134 square miles.

The district employs 1 superintendent, 3 principals, 47 certified staff and 31 support personnel. Approximately sixty-five percent of the certified staff hold advanced degrees.

There are a total of 8 buildings which combine to make up the Vanoss campus. All buildings are connected with a combination of fiber and Cat 5 cabling. The LAN reaches to the gym, baseball complex and Agriculture buildings, along with all classrooms, offices, labs, library and cafeteria. Technology is more than links and devices; it is at the heart of the educational process at Vanoss.

The aim of this plan is to increase the use of current and future technologies with the intent of enhancing learning as well as teaching.

Vision

This plan conveys the Vision Statement of Vanoss School, its belief in technology and the PK-12 instructional goals as they relate to technology skills. With this plan Vanoss School hopes to provide equitable access through the use of technology to enable students to become lifelong learners. In the current information age, this means turning regular classrooms into modern settings for learning. The school is committed to graduating students who possess the skills needed to succeed in an increasingly complex information world. Students of this world will be required to process and manipulate greater amounts of information. Their abilities to do so will be an important determiner of their individual economic success. Electronic communication is at the very core of this success. Therefore Vanoss Public School's vision is to graduate students who are proficient in all aspects of technology, and to be an education leader, with world-class learning opportunities, providing all students and teachers with the knowledge and skills necessary to exercise the rights and responsibilities of citizenship, and with the ability to thrive in an international contemporary economy.

A. All students will have equal and adequate access to comprehensive information resources.

B. All educators will have the technology, tools and resources they need to provide students with superior knowledge and job skills.

Mission

The mission of Vanoss Public Schools is to inspire young minds to think, to learn, to grow and to become the best they can be as they develop the skills necessary for independent, life-long learning. Our Motto: Enter to Learn; Leave to Serve.

Vanoss Indep School District 9, 2009 - 2012 Technology Plan Assessment - Existing Inventory

Operating Systems

Operating systems used at your district:

Windows 2003 servers; Windows XP at the workstations.

Computers

Servers:

6

Workstations < 3 yrs old:

123

Workstations > 3 yrs old:

110

Average # of students to workstation ratio:

2.18: 1

Average # of teachers to workstation ratio:

1:1

Peripherals

Peripherals installed at your district:

Accel.Math Scanner 22
AverKey 20
Barometer 1
Buzzer System 7
Calculator/Ranger 1
Camcorder 4
Cassette Players 24
CBL Systems 8
Cell Phones 11
Computers 180(Standard) 19(sub-standard)
Copiers 10
Digital Cameras 24
Document Camera 4
Dukane Screen Projectors 2
DVD Drive 1
DVD Recorder 1
DVD/VCR PLAYER 10
Smartboards 25
External CD-ROM 4
Filmstrip Projectors 4
Gas Sensor 2
HP DeskJet Printer 3
HP LaserJet Printers 57
IBM Server 6
LCD Projector 30
Overhead Projector 19
PC Camera 3
Polycom Unit 1
Record Player 3
Scanner 10

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Assessment - Existing Inventory

Slide Projector 3
Sound Mixer 1
Spotlight 2
Stereo Combo [boom boxes] 22
T.I.Calculators 21
Talkabout PA System 1
Turbity Sensor 1
TV 31
TV/VCR COMBO 4
VCR 35
VTEL Computer 2

Other

Other technology hardware:

As listed above, one VTEL unit is hard-wired into Room 8 and is used daily. One VTEL and one Polycom portable unit are used less frequently. The other video items are listed above as well. PBVX installed school year 2007-08 complete with 68 cameras.

Networks: Local or Wide Area

Network Connectivity:

There are 7 buildings connected by fiber to the main hub located in Rm. 8 of the High School building. In counting the buildings consideration was given to the Portable Metal building which was removed summer of 2006 and the very large addition of the library complex, which was counted as an addition to the existing HS building.

Bandwidth

Bandwidth speed of Local Area Network (LAN):

1000mbps

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

1000mbps

Bandwidth speed of wide area network (WAN):

T-1 X 2

Telephone Access

Cell phones:

11

of phone lines:

12

Internal Phone System:

PBX system connecting all buildings w/ voice mail

Email

Email Usage of District:

Email used by teachers and administration to communicate with each other, the State Dept. of Ed, parents and many others. E-mail is used by students only during teacher-monitored class projects,

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Assessment - Existing Inventory

or when communicating w/a college professor for on-line classes,etc.

Software Applications

Software Applications Installed:

- A+ Software
- Accelerated Math
- Accelerated Reader
- Accelerated Writer
- Adobe Pagemaker
- Adobe Reader 8
- AVG Antivirus and Anti-Spyware
- Click and Learn On-Line
- Conerstone 4.1 (Reading, Language Arts, & Math)
- Curriculum Related Software (accompanies textbooks)
- Digital Juice
- DreamWeaver
- EdMark Reading Program
- ExamView
- Houghton Mifflin Math
- Internet Explorer
- K-2 Learning Milestones
- LAN School & TLC/School Connect
- MASS (Administrative Software)
- MathFacts in a Flash
- Merlin Messenger (phone interface w/Exchange Server)
- Micrograde
- Microsoft Office 2003
- Mozilla Firefox (portable)
- Odysseyware On-line classes
- PAWS Typing
- SEAS (Special Education Software)
- SIRS (Social Issues Resource Series)
- Skills Bank (grades 6-adult)(Reading, Language Arts, Math, Science, Writing, Information Skills)
- Sonic Wall*
- STAR Early Literacy
- STAR Math
- STAR Reading
- Study Island
- TeacherEase
- Windows 2003(Servers) Windows XP at workstations
- Winnebago/Sagebrush Library Circulation/Catalog
- Winway Resume

School Information Management System

Student Information System:

Municipal Accounting Systey/Wengage
It is SIF complaint.

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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	■	■		

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Assessment - Current Use & Identified Needs

District's Current Use of Technology

All students and staff have equal access to technology.

Students use technology to develop learning and workplace skills through the use of current technology such as word processing, keyboarding, spreadsheets and multimedia.

Students use search strategies to retrieve information through the use of various electronic sources.

Students & staff access the library collection through the on-line catalog.

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

Teachers track student progress by accessing curriculum software.

Teachers & staff use technology to track grades, absences, lesson plans, cafeteria purchases, templates and forms, and inventory.

Teachers integrate technology in all areas by creating interdisciplinary projects.

Staff members communicate through computer networks and telecommunications by using e-mail and voice mail which work in tandem.

Identified Needs

Teachers need on-going and timely staff development.

Curriculum development in the area of technology must be done to outline a K-12 technology sequence.

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

Budget must be sufficient to accomodate a rotating replacement schedule for computers and peripherals; a four year plan being ideal.

Develop a better system of communicating new technological advances to all students and staff.

Develop a better system of communicating & sharing technology that is available.

District technology must be managable, flexible, maintained and adaptable for future growth.

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Goals & Objectives

Goal 1

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.

Objective 1.1

The district will use technology to coordinate the connection and sharing of all educational resources among all buildings and district personnel. Annual technology updates will be part of the in-service training.

Category: Educator Competencies & Professional Development

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

Strategy 1.1.1

Provide information to teachers on location of technology, such as, scanners, printers, CD burners, TV carts, Smartboards, etc.

Status: In Process

Timeline: On going and fluid.

Responsible Individual/Dept: The library media center tracks equipment with barcodes and checks out equipment to staff members.

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

Supporting Resources/Comments: Inventory lists available for printout.

Strategy 1.1.2

Shared network drive accessible from all workstations on the LAN

Status: Complete

Timeline: Currently we are able to share data and software, but will need to maintain the status quo.

Responsible Individual/Dept: Technology director shall oversee new implementations.

Evaluation Method/Measure of Success: Shared software and data will continue to eliminate duplication.

Supporting Resources/Comments: Network drive space; e-mail communication by all Technology team

Strategy 1.1.3

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

Status: Planned

Timeline: On-going

Responsible Individual/Dept: 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.

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Goals & Objectives

Objective 1.2

Staff development. Train teachers to use the technology.

Category: Educator Competencies & Professional Development

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

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 e-mail accounts. Group lists are maintained and updated on the Exchange Server. Old accounts are deleted.

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

Strategy 1.2.2

Provide training for teachers on use of classroom performance system (CPS) student response pads, smartboards and any other new technologies.

Status: In Process

Timeline: August prior to each school year: 2009, 2010, 2011, 2012 (Or during professional days throughout the year as required).

Responsible Individual/Dept: Team Leader approach, for example: teachers who have CPS units, DVD burners or smartboards will train novice teachers.

Evaluation Method/Measure of Success: Continuous use of CPS Systems, smartboards and other newly implemented technologies.

Supporting Resources/Comments: Training material. When purchasing new units consideration will be given to existing brands, ease of use and cost. Vendors may also be used for training purposes.

Strategy 1.2.3

Provide updates to technology for teachers to teach specific uses of technology: new grade book, and other new technologies.

Status: In Process

Timeline: One per Semester: 2009-10, 2010-11, 2011-2012 OR more if needed.

Responsible Individual/Dept: Technology Director and Staff Development Committee

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

Supporting Resources/Comments: Training materials. Develop training calendar with Staff Development Committee. Title II Part D and Title V professional development funding.

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Goals & Objectives

Objective 1.3

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

Category: Administration & Support Services

Budget Y1: \$1,500.00 Budget Y2: \$1,200.00 Budget Y3: \$1,200.00

Strategy 1.3.1

Identify training needs for administrative staff in office and management software.

Status: In Process

Timeline: April-June prior to each school year:2009,2010,2011,2012

Responsible Individual/Dept: Technology Director

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

Supporting Resources/Comments: Technology survey

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:2009,2010,2011,2012

Responsible Individual/Dept: Technology Director

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 use e-mail distribution lists to inform staff of upcoming weekly/monthly events.Superintendent will use technology to distribute the yearly school calendar.

Status: In Process

Timeline: Superintendents will be responsible for yearly school calendar. Principals will use weekly bulletins, monthly calendars. For each school year:2009,2010, 2011, 2012. Updated as needed. Monthly school calendars will be posted on school website by Technology team.

Responsible Individual/Dept: Superintendent, principals, technology team.

Evaluation Method/Measure of Success: Better communication

Supporting Resources/Comments: E-mail accounts for all staff. Website updated as needed.

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.

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Goals & Objectives

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

Strategy 2.1.1

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

Status: In Process

Timeline: During school year: 2009-10, 2010-11, 2011-12

Responsible Individual/Dept: Technology Director + Chairman of Professional Development Committee.

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

Supporting Resources/Comments: Research based training materials.SDE Marco Polo Training. Title II Part D, Title V, on-line sources such as howtomaster.com.

Strategy 2.1.2

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

Status: In Process

Timeline: On-going

Responsible Individual/Dept: Technology Director

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

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

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: In Process

Timeline: On-going

Responsible Individual/Dept: 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.

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Goals & Objectives

Strategy 2.1.4

Teachers may attend classes offered by Pontotoc Technology Center, 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: 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: \$1,000.00 Budget Y2: \$1,000.00 Budget Y3: \$1,000.00

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: 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: Technology Director

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

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Goals & Objectives

Strategy 3.1.1

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

Status: Complete

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: Standard Network/Internet ready computer installed in each classroom. Each teacher assigned login and password. Effort will be made to keep pc's up-to-date.

Strategy 3.1.2

Library (20 pc's)and Lab (41 pc's) scheduled classes in 30 min. blocks. Additional visits may be signed-up for.

Status: In Process

Timeline: Both a fixed and flexible schedule will be used.

Responsible Individual/Dept: Technology Director

Evaluation Method/Measure of Success: Utilization of computer lab.

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: Technology Director

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

Supporting Resources/Comments: Assistants will be available from 8 am-4 pm to assist students in the 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: \$25,000.00 Budget Y3: \$25,000.00

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Goals & Objectives

Strategy 3.2.1

Make technological provisions for special needs students.

Status: In Process

Timeline: On-going

Responsible Individual/Dept: Technology Director + Special Education Director

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

Supporting Resources/Comments: Special needs software and equipment.

Strategy 3.2.2

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

Status: In Process

Timeline: On-going

Responsible Individual/Dept: Technology Director + Special Education Director

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: In Process

Timeline: Library computer open from 7:45 a.m.-4:00 p.m. daily.

Responsible Individual/Dept: Technology Director + Library Media Specialist

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.

Strategy 3.2.4

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

Status: Planned

Timeline: Summer in Service training prior to each school year: 2009,2010,2011,2012

Responsible Individual/Dept: Technology Director + Chairman of Professional Development Committee.

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

Supporting Resources/Comments: Training material. 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

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Goals & Objectives

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: \$30,000.00 Budget Y3: \$3,000.00

Strategy 4.1.1

Standardize wiring: fiber runs to each wiring closet. Switches upgraded made 2007; additional upgrades as needed.

Status: In Process

Timeline: July 2009-June 2011

Responsible Individual/Dept: Technology Director

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. Servers replaced Summer 07; systematic upgrades and replacements as needed.

Status: In Process

Timeline: July 2009-June 2012

Responsible Individual/Dept: Technology Director working w/Computer Engineer

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

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

Strategy 4.1.3

Increase electrical capacity and ventilation as needed. Install/replace uninterruptible power supplies (UPS) as needed to protect all hardware. Additional electrical capacity added to server room. Other additions will be made as needed.

Status: In Process

Timeline: 2009-June 2011

Responsible Individual/Dept: Technology Director

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: \$100.00 Budget Y2: \$100.00 Budget Y3: \$100.00

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Goals & Objectives

Strategy 4.2.1

Maintain the database with current inventory.

Status: In Process

Timeline: On-going

Responsible Individual/Dept: Technology Director + Library Media Specialist

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

Supporting Resources/Comments: Use existing resources (library-software).

Strategy 4.2.2

Keep maintenance logs on computer hardware.

Status: In Process

Timeline: July 2009-June 2012

Responsible Individual/Dept: Technology Director and or Library Media Specialist

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 (library-software).

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: \$10,000.00 Budget Y3: \$10,000.00

Strategy 4.3.1

Maintain two T-1 circuits for Internet Access

Status: Complete

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

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

Status: Complete

Timeline: On-going

Responsible Individual/Dept: Technology Director

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.

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Goals & Objectives

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

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 + Technology Committee

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. Committee to meet at minimum-biannually.

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: Annually

Responsible Individual/Dept: Technology Director and Technology Team

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: Technology Director & Technology Team

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

Supporting Resources/Comments: Title II Part D, Technology Budget

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Goals & Objectives

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: \$500.00 Budget Y2: \$500.00 Budget Y3: \$500.00

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: Easy access to software when needed.

Supporting Resources/Comments: Maintain a software cabinet/library as well as maintaining the online software.

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

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Goals & Objectives

Strategy 6.1.1

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

Status: Planned

Timeline: July 2009-June 2012

Responsible Individual/Dept: Technology Director & Technology Team

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

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

Strategy 6.1.2

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

Status: In Process

Timeline: July 2009-June 2012

Responsible Individual/Dept: Technology Director & Technology Team plus all teachers who use technology to teach students.

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

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

Strategy 6.1.3

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

Status: In Process

Timeline: July 2009-June 2012

Responsible Individual/Dept: Technology Director + Faculty.

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

Supporting Resources/Comments: Pilot project: 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: July 2009-June 2012

Responsible Individual/Dept: Technology Director + Faculty.

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

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teachers. Appropriate technology in place and supported.

Strategy 6.1.5

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

Status: In Process

Timeline: July 2009-June 2012

Responsible Individual/Dept: Technology Director + Faculty.

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: July 2009-June 2012

Responsible Individual/Dept: Technology Director + Faculty.

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 to interact with "live" information resources by using the Internet.

Category: Learners and Learning

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

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: Fall 2009-June 2012

Responsible Individual/Dept: Technology Director + Faculty (particulary those of middle and older students)

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.

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Strategy 6.2.2

Students will be taught how to use E-mail for communication and collaboration including how to protect personal/confidential information. Student E-mail will be used only under strict supervision.

Status: Planned

Timeline: July 2009-June 2012

Responsible Individual/Dept: Technology Director, Superintendent, and Principals and all faculty members.

Evaluation Method/Measure of Success: Older students will demonstrate ability to utilize E-mail including sending, retrieving, attaching files, using address books.

Supporting Resources/Comments: E-mail accounts will be set up for class use only. No E-mail 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: \$500.00 Budget Y2: \$500.00 Budget Y3: \$500.00

Strategy 7.1.1

Complete envisioning worksheets (See Appendix)

Status: In Process

Timeline: Every April prior to next school year: 2009,2010, 2011,2012

Responsible Individual/Dept: 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: Planned

Timeline: Every April prior to next school year: 2009, 2010,2011 and 2012.

Responsible Individual/Dept: 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.

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Goals & Objectives

Strategy 7.1.3

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

Status: In Process

Timeline: July 2009-June 2012

Responsible Individual/Dept: 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: In Process

Timeline: 2009-June 2012

Responsible Individual/Dept: Technology Director + High School Principal

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

Strategy 8.1.1

Involve students and teachers in updating and maintaining web sites.

Status: In Process

Timeline: July, 2009-June, 2012

Responsible Individual/Dept: Technology Director + Web Master (and faculty who in turn involve students).

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.

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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, and student events.

Status: In Process

Timeline: July, 2009-June, 2012

Responsible Individual/Dept: Technology Director + Web Master and faculty.

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

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

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 + Web Master.

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: \$100.00 Budget Y2: \$100.00 Budget Y3: \$100.00

Strategy 8.2.1

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

Status: In Process

Timeline: July, 2009-June, 2012

Responsible Individual/Dept: Administrators (and their designates) and counselors

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

Supporting Resources/Comments: Student information system.

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Goals & Objectives

Strategy 8.2.2

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

Status: In Process

Timeline: July, 2009-June, 2012

Responsible Individual/Dept: Administrators and faculty.

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

Supporting Resources/Comments: Discussion of technology needs during board meetings, parent events, and 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 Ada 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: \$50.00 Budget Y2: \$50.00 Budget Y3: \$50.00

Strategy 9.1.1

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

Status: In Process

Timeline: July 2009-June 2012

Responsible Individual/Dept: Library Media Specialist

Evaluation Method/Measure of Success: Implementation of program.

Supporting Resources/Comments: Scheduled meeting with stakeholders.

Strategy 9.1.2

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

Status: In Process

Timeline: July 2009-June 2012

Responsible Individual/Dept: Library Media Specialist

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.

Vanoss Indep School District 9, 2009 - 2012 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: \$18,000.00 Budget Y2: \$15,000.00 Budget Y3: \$12,000.00

Strategy 10.1.1

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

Status: Planned

Timeline: July 2009-June 2012

Responsible Individual/Dept: Technology Director + Administrators.

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, building principals and technology leaders will participate in OKACTS program.

Status: Complete

Timeline: July 2009-June 2012

Responsible Individual/Dept: Superintendent, Principals, and Technology Leaders

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

Supporting Resources/Comments: Work as partners with OKACTS.

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Goals & Objectives: Budget Summary

Category	Year 1	Year 2	Year 3	Total
Administration & Support Services	\$20,600.00	\$17,300.00	\$14,300.00	\$52,200.00
Educator Competencies & Professional Development	\$9,000.00	\$8,000.00	\$8,000.00	\$25,000.00
Learners and Learning	\$55,050.00	\$54,550.00	\$54,550.00	\$164,150.00
Technology Capacity	\$41,600.00	\$40,100.00	\$13,100.00	\$94,800.00
Total All Categories:	\$126,250.00	\$119,950.00	\$89,950.00	\$336,150.00

Vanoss Indep School District 9, 2009 - 2012 Technology Plan

Budget

Sources of Funds	Year 1	Year 2	Year 3
Donations	\$1,500.00	\$1,500.00	\$1,500.00
E-Rate	\$52,000.00	\$82,000.00	\$62,000.00
General Funds	\$57,000.00	\$58,000.00	\$55,000.00
Grants	\$25,000.00	\$25,000.00	\$25,000.00
Other	\$100.00	\$100.00	\$100.00
Total Sources of Funds:	\$135,600.00	\$166,600.00	\$143,600.00

Technology Expenditures: Items Eligible for E-rate Discounts	Year 1	Year 2	Year 3
Internal Connections	\$0.00	\$30,000.00	\$10,000.00
Internet Access	\$15,000.00	\$15,000.00	\$15,000.00
Maintenance	\$30,000.00	\$30,000.00	\$30,000.00
Telecommunications	\$7,000.00	\$7,000.00	\$7,000.00
Total Erate Eligible items:	\$52,000.00	\$82,000.00	\$62,000.00

Non-Erate Items	Year 1	Year 2	Year 3
Hardware, such as computers, printers, fax machines, video equipment, scanners, CD-ROM drives and servers	\$25,000.00	\$25,000.00	\$25,000.00
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	\$10,000.00	\$10,000.00	\$10,000.00
Software, such as end user applications	\$35,000.00	\$36,000.00	\$30,000.00
Total Non-Erate Items:	\$87,000.00	\$88,000.00	\$82,000.00
Total Technology Expenditures	\$139,000.00	\$170,000.00	\$144,000.00

Vanoss Indep School District 9, 2009 - 2012 Technology Plan

Evaluation

Responsibility

Members of the Technology Committee; chaired by the Technology Director.

Evaluation Process

The technology committee will meet regularly to review the technology plan and update it as technology and circumstances change.
Individual members of the technology committee will annually update the inventory of both the software and equipment, and the present the entire committee with the updated report.
The Principals will assess the degree to which technology has been integrated into normal classroom teaching during regular supervisor evaluations.
The Superintendent and Principals will assess the degree to which technology has enhanced communication between the school and the community.
The Superintendent will determine the need for phones and cell phones in the district and assign or approve additional lines as needed.
The Superintendent will house a copy of the most recent inventory off campus in the event of a disaster.

Evaluation Timeframe

The technology plan will be reviewed and updated annually to reflect changes that could in no way be anticipated.

Evaluation Findings

The Superintendent will be in charge of distributing and communicating to the community the use and status of technology within the district.

Evaluation Analysis - Annual Updates Only

During the summer of 2007 we added 4 new servers and recycled 2 of the older ones. All switches and modules were also replaced. Forty new pc's were added to the network within the past three months, along with three network printers.
UPDATE: During the school year 2007-08 we added 25 HP computers; 25 View Sonic Flat Screen Monitors; 4 network printers; 3 Smartboards; 4 LCD projectors (1-replacement); over \$5000 worth of Cartridges; 40 sets of headphones. Subscriptions for Click-n-Learn; United Streaming; A+ software were all renewed both last year and this.

Spring Tests scores for 2007 are in and the results are great. We are celebrating the success. In the High School the results: Algebra I – 77 % passing; Bio I – 67 % passing; Eng II – 74% passing; U.S. Hist – 69% passing!!!
In the Elementary School
5th Grade Writing 78%; 5th Grade Science 92%;5th Grade Social Studies 93%; 7th Grade Geography 96% ;8th Grade Writing 100 %; 8th Grade Science 100%; 8th Grade History 83%;3rd Reading 93%; 4th Reading 100%;5th Reading 78%;6th Reading 92%;7th Reading 95%; 8th Reading 90%; 3rd Math86%; 4th Math 100%;5th Math93%; 6th Math100%; 7th Math 82%; 8th Math100%!!!

Success is a combination of good teaching, good students and effective methods of which, technology is vital.

UPDATE: Scores are mixed for 2008 and I don't have all the numbers at this time. Some are good; others not so good.

Vanoss Indep School District 9, 2009 - 2012 Technology Plan Evaluation

We deleted several old computers and have not fully replaced them one for one in each area. This is the goal. We are within a dozen of having this accomplished.

UPDATE: Sept 2008 We have deleted all the white old computers with the exception of about one half dozen which are in little used areas such as Softball Office.

Administrators and faculty are encouraged to attend conferences, read and network. For example we are currently adding "leap pads" to the lower elementary as a result of a conference. Also we have added the STEM (Science, Technology, Engineering Math) Lab as a result of visiting another district in SE Oklahoma. SmartBoards were first noted at a conference in OKCity. We currently have 25 rooms outfitted with them.

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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

Sonic Wall

Internet Acceptable Use Policy

Acceptable Use Policy

http://www.erate470.com/tpc/documents/cipa2_01VU16TSZ9.pdf

Board Meeting Agenda and Minutes When CIPA Compliance Last Discussed

CIPA Board Agenda November 10, 2008

http://www.erate470.com/tpc/documents/cipa3_02GF0VEMM9.pdf

Vanoss Indep School District 9, 2009 - 2012 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

Vanoss site map

http://www.erate470.com/tpc/documents/Vanoss_pln_y11.pdf

Attachment D

Teacher Technology Survey Form

http://www.erate470.com/tpc/documents/Vanoss_Att4_teachersurvey.pdf