

# Technology Plan 2011 - 2014

**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, 2011 - 2014 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):** 474  
**Number of Certified Staff:** 53  
**Low Income Percentage:** 66  
**Number of School Sites:** 2

### Tech Plan Duration

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

### Technology Committee

Janet Blocker, Superintendent  
Marjana Tharp, Principal  
Gary Stidham, Principal  
Beverly Rambo, LMS & Tech Director  
Amy Cantwell, Parent  
Donna Nickell, Parent  
John Impson, H.S. Teacher  
Linda Marks, Lower Elementary Teacher  
Deana Anderson, School Board Member  
Deborah Oliver, M.S. Teacher  
Charles Hill, M.S. Teacher  
Tim Claxton, HS Teacher  
Cindy Byrd, Parent  
Carla Henry, Parent  
Chelsey Kimbrell, 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.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Introduction

---

Vanoss is a rural school district with an enrollment of about 554 PK-12th grade students. The district covers 127 square miles.

The district employs 1 superintendent, 2 principals, 53 certified staff and 30 support personnel. Approximately fifty-seven 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 educational 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, 2011 - 2014 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:

82

### # Workstations > 3 yrs old:

145

### Average # of students to workstation ratio:

2: 1

### Average # of teachers to workstation ratio:

1:1

## Peripherals

### Peripherals installed at your district:

Accel.Math Scanner 19  
AverKey 20  
Barometer 1  
Buzzer System  
Calculator/Ranger/TI 96  
Camcorder 6  
Cassette Players 16  
CBL Systems 8  
Cell Phones 9  
Computers 236(145 less than 3 yr old)(82 more than 3 yr old)  
Copiers 10  
Digital Cameras 28  
Digital Microscopes 15  
Document Camera 10  
Dukane Screen Projectors 2  
DVD/VCR PLAYER 11  
External Floppy Drives 11  
External Speakers 12  
Filmstrip Projectors 4  
Flip Cameras 5  
Gas Sensor 2  
GPS Units 8  
HP DeskJet Printer 3  
HP LaserJet Printers 60  
IBM Server 6  
LCD Projector 35  
Overhead Projector 20  
Palm Pilot 1  
PC Camera 3  
Polycom Unit 1

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Assessment - Existing Inventory

---

Record Player 3  
Scanner 10  
Slide Projector 3  
Smartboards 35  
Sound Mixer 1  
Spotlight 2  
Stereo Combo [boom boxes] 21  
Talkabout PA System 1  
Turbidity Sensor 1  
TV 31  
TV/VCR COMBO 4  
VCR 23  
VTEL Computer 1

### Other

#### Other technology hardware:

The VTEL equipment is being phased out. PVBX installed school year 2007-08 complete with 68 cameras; includes DVR capability.

### 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 very large addition of the library complex, along with the new MS addition (new 2010) which both are counted as additions to the existing HS building.

### Bandwidth

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

1000mbps

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

10mbps

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

10 Mbps

### Telephone Access

#### # Cell phones:

9

#### # 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,

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Assessment - Existing Inventory

---

parents and many others. E-mail is used by students only during teacher-monitored class projects, 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
- Basic Skills Series (32 new programs 2010 lower elementary)
- 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
- Kurzweil
- LAN School & TLC/School Connect
- MASS (Administrative Software)
- MathFacts in a Flash
- Merlin Messenger (phone interface w/Exchange Server)
- Micrograde
- Microsoft Office 2003& 2007 & 2010
- 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 System/Wengage  
It is SIF complaint.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Assessment - Technology Proficiency

The following chart shows the results of the district's self assessment of their progress toward proficiency in Essential Technology Conditions for K-12 Schools (See Appendix).

<b>A. Technology Administration &amp; Support</b>	Stage 1	Stage 2	Stage 3	Stage 4
Vision Planning & Policy	■	■		
Technology Support	■	■		
Instructional Technology Staffing	■	■		
Budget	■	■		
Electronic Data Support Systems	■	■	■	
Funding	■	■	■	
<b>B. Technology Capacity</b>	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	■	■	■	
<b>C. Educator Competencies &amp; Professional Development</b>	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	■	■	■	
<b>D. Learners and Learning</b>	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	■	■		
<b>E. Accountability</b>	Stage 1	Stage 2	Stage 3	Stage 4
Student Technology Essential Learnings	■	■		
Administrator Technology Competency	■	■		
Teacher Technology Competencies	■	■	■	

# **Vanoss Indep School District 9, 2011 - 2014 Technology Plan**

## **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 & sharing 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 accommodate 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 manageable, flexible, maintained and adaptable for future growth.



## Vanoss Indep School District 9, 2011 - 2014 Technology Plan

### Assessment - Technologies to be Acquired

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

## Vanoss Indep School District 9, 2011 - 2014 Technology Plan

### Assessment - Technologies to be Acquired

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

## Vanoss Indep School District 9, 2011 - 2014 Technology Plan

### Assessment - Technologies to be Acquired

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

## Vanoss Indep School District 9, 2011 - 2014 Technology Plan

### Assessment - Technologies to be Acquired

Technologies to be Acquired	Enhancement of Teaching	Enhancement of Training	Enhancement of Student Achievement
<i>Training for staff on new technologies</i>	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.
<i>UPS equipment and backup systems.</i>	Protects equipment and data enabling reliable access to the Internet and district network.	Reliable access to the district network and Internet access is essential when providing training sessions and access to professional development resources.	Ensures reliability of technology equipment and data protection so students will have access to technology and Internet resources.
<i>Video distribution system</i>	Enables teachers to access video content stored and maintained by the district	Video and media access will provide additional training opportunities and resources for faculty and staff. The ability to record training sessions then view at a later time will increase access to training programs.	Students will be able to participate in media-enriched learning that is proven to increase comprehension and retention of the curriculum.
<i>Voice over IP system with messaging</i>	Access to parents, community and stakeholders. Voice messaging can be utilized to increase communications.	Efficient and reliable communications will support training programs.	Communication throughout the district and with parents and the community is essential for meeting the curriculum objectives for our students.
<i>Web hosting-District web site</i>	Teachers can post assignments and student work on their classroom web pages for increased communication with students and parents	Professional development opportunities and training information can be posted on the web site.	School schedules, course outlines, assignments, and links to educational sites applicable to the curriculum can all be more readily accessed.

#### Other Technologies to be Acquired

Consideration List (Wish List):

Kurzweil software which scans and reads-target Special Education Students.(This was purchased 9/1/2009)

School Messenger- to enhance messaging capabilities particularly with parents.

Consider using Ncomputing Shared Computers [pod system 1 computer shared by 4 users]

Additional Smartboards; projectors and necessary peripherals.(5 added in 2009; we are getting close to having all classrooms equipped with Smartboards.)The new Middle School building will need to be equally equipped.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## 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.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Goals & Objectives

---

### Objective 1.2

Staff development. Train teachers to use the technology.

Category: Educator Competencies & Professional Development

Budget Y1: \$5,000.00 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: 2011, 2012, 2013, 2014(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: 2011-2012, 2012-2013, 2013-2014 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.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## 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: \$1,200.00 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:2011,2012, 2013, 2014

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:2011,2012,2013,2014

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. Newly revised website will be an additional avenue.

Status: In Process

Timeline: Superintendents will be responsible for yearly school calendar. Principals will use weekly bulletins, monthly calendars. For each school year:2011, 2012, 2013, 2014. 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.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## 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: 2011-12, 2012-2013, 2013-2014

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 purchased with funding from Title II Part D, Title V, and general funds. Partnerships will continue with Gear-up from both OU and ECU, along with Pontotoc Technology Center. Vendors will also be sought to do additional training on new purchases.

### 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.



# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## 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

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## 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) HS Lab (25 pc's) and 24 mobile laptops scheduled classes in 30 min. blocks. Additional visits may be signed-up for. (HS Lab is empty last 2 hours of the day and may also be used for other classes.)

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 all computers on campus.

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 7:45 am-3:30 pm to assist students in the labs. After school teachers may extend the hours to 5:30pm on select days.

### 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: \$25,000.00 Budget Y2: \$25,000.00 Budget Y3: \$20,000.00

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## 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 Teachers

Evaluation Method/Measure of Success: Improvement in academic achievement of high needs students. Utilization of advanced technologies, such as Kurzweil (which was recently added).

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.-3:30 p.m. daily. Computer Lab and library may be opened until 5:30 pm under the direction of the After-School teachers.

Responsible Individual/Dept: Technology Director + Library Media Specialist + After School Teachers

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: 2011,2012,2013, 2014

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 and local funds.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Goals & Objectives

### Goal 4

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

#### Objective 4.1

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

Category: Technology Capacity

Budget Y1: \$3,000.00 Budget Y2: \$3,000.00 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 planned summer of 2011.

Status: In Process

Timeline: July 2011-June 2014

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 were replaced Summer 07; systematic upgrades and replacements as needed. They are on schedule for replacement in the Summer of 2011.

Status: In Process

Timeline: July 2011-June 2014

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: July 2011-June 2014

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

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## 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 2011-June 2014

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: \$10,000.00 Budget Y2: \$10,000.00 Budget Y3: \$10,000.00

### Strategy 4.3.1

Maintain two T-1 circuits for Internet Access-until we can obtain a 10 Mbs connection. Currently we are working with OneNet and AT&T to install fiber and make this a reality by the beginning of 2011.

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, and cellular 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.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Goals & Objectives

---

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

### Goal 5

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

#### Objective 5.1

Purchase software that supports and enhances the curriculum.

Category: Learners and Learning

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

#### 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

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## 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

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## 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 2011-June 2014

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 2011-June 2014

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 2011-June 2014

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 2011-June 2014

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



# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Goals & Objectives

---

teachers. Appropriate technology in place and supported.

### Strategy 6.1.5

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

Status: In Process

Timeline: July 2011-June 2014

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 2011-June 2014

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 2011-June 2014

Responsible Individual/Dept: Technology Director + Faculty (particular 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.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Goals & Objectives

---

### 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: In Process

Timeline: July 2011-June 2014

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: 2011, 2012, 2013

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: 2011, 2012 and 2013.

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.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Goals & Objectives

---

### Strategy 7.1.3

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

Status: In Process

Timeline: July 2011-June 2014

Responsible Individual/Dept: Technology Director + Technology Team

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 including web-based curriculum for high school students to take advanced courses.

Status: In Process

Timeline: 2011-June 2014

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. On-line access to gradebook for parents planned for year 2011.

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, 2011-June, 2014

Responsible Individual/Dept: Technology Director + Web Master + all 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.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Goals & Objectives

---

### 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, 2011-June, 2014

Responsible Individual/Dept: Administrators, 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, distribute business size cards with pertinent information at school events such as ballgames, 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, 2011-June, 2014

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.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## 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 2011-June 2014

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 2011-June 2014

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 2011-June 2014

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, 2011 - 2014 Technology Plan

## Goals & Objectives

---

### Objective 10.1

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

Category: Administration & Support Services

Budget Y1: \$20,000.00 Budget Y2: \$12,000.00 Budget Y3: \$10,000.00

### 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 2011-June 2014

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 2011-June 2014

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.

## Vanoss Indep School District 9, 2011 - 2014 Technology Plan

### Goals & Objectives: Budget Summary

Category	Year 1	Year 2	Year 3	Total
Administration & Support Services	\$22,300.00	\$14,300.00	\$12,300.00	\$48,900.00
Educator Competencies & Professional Development	\$8,000.00	\$8,000.00	\$8,000.00	\$24,000.00
Learners and Learning	\$54,550.00	\$54,550.00	\$49,550.00	\$158,650.00
Technology Capacity	\$13,100.00	\$13,100.00	\$13,100.00	\$39,300.00
<b>Total All Categories:</b>	<b>\$97,950.00</b>	<b>\$89,950.00</b>	<b>\$82,950.00</b>	<b>\$270,850.00</b>

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Budget

Sources of Funds	Year 1	Year 2	Year 3
Donations	\$25.00	\$25.00	\$25.00
E-Rate	\$270,657.00	\$80,724.00	\$83,146.00
General Funds	\$32,600.00	\$10,800.00	\$11,500.00
Grants	\$25,000.00	\$25,000.00	\$25,000.00
Other	\$100.00	\$100.00	\$100.00
<b>Total Sources of Funds:</b>	<b>\$328,382.00</b>	<b>\$116,649.00</b>	<b>\$119,771.00</b>

  

Technology Expenditures: Items Eligible for E-rate Discounts	Year 1	Year 2	Year 3
Internal Connections	\$213,650.00	\$0.00	\$0.00
Internet Access	\$27,651.00	\$28,481.00	\$29,335.00
Maintenance	\$47,367.00	\$48,788.00	\$50,252.00
Telecommunications	\$12,062.00	\$12,424.00	\$12,797.00
<b>Total Erate Eligible items:</b>	<b>\$300,730.00</b>	<b>\$89,693.00</b>	<b>\$92,384.00</b>

  

Non-Erate Items	Year 1	Year 2	Year 3
Hardware, such as computers, printers, fax machines, video equipment, scanners, CD-ROM drives and servers	\$8,200.00	\$8,200.00	\$8,200.00
Maintenance, such as systems maintenance and operations costs for ineligible hardware and software and salaries of technical staff	\$3,200.00	\$3,200.00	\$3,200.00
Professional Development, such as ongoing technology-related training for technical staff, teachers, and/or librarians	\$3,200.00	\$3,200.00	\$3,200.00
Retrofitting, such as electrical wiring, asbestos removal, building modifications, renovations and repair to support technology infrastructure	\$9,800.00	\$9,800.00	\$9,800.00
Software, such as end user applications	\$2,550.00	\$2,550.00	\$2,550.00
<b>Total Non-Erate Items:</b>	<b>\$26,950.00</b>	<b>\$26,950.00</b>	<b>\$26,950.00</b>
<b>Total Technology Expenditures</b>	<b>\$327,680.00</b>	<b>\$116,643.00</b>	<b>\$119,334.00</b>



# Vanoss Indep School District 9, 2011 - 2014 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.

A copy of the most recent inventory, along with back-ups of each server will be housed 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

UPDATE: During the past six months we have added 23 new computers (12 in the Vocational Business Lab, 9 new computers added to the offices and cafeteria and 2 in the Vocational Construction Building. Also 24 laptops for classroom use. Subscriptions for Click-n-Learn; United Streaming; A+ software; Odysseyware were all renewed both last year and this. We added 32 new packages of Basic Skill Software in July 2010. Kurzweil software was recently purchased along with a scanner. Approximately 10 new SmartBoards were added w/in the past year. The MS Building will need to be outfitted this year. Five new Classroom Response Systems were purchased w/in the past 6 months.

All of this helps us reach our overall goal of replacing about 25% of our fleet each year. Odysseyware is being used for credit recovery.

Much of our spring testing was done on-line and the results are impressive. Technology is required for today's testing.

Tests scores for 2008-9 are outlined below:

In the High School the results: Algebra I – 86 % passing; Algebra II 62% passed Bio I – 87% passing; Geo 80%;

Eng II – 91% passing; Eng III 89 %; U.S. Hist – 83% passing

In the Elementary School the results are equally impressive:

3rd Math-87%; 3rd Reading-96%; 4th Math 84%; 5th Math 83%; 5th Reading 77%; 5th Science 100%; 5th Soc Studies 96%; 6th Math 85%; 6th Reading 85%; 7th Math 71%; 7th Reading 71%; 7th Geography

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Evaluation

---

90%; 8th Math 92%; 8th Reading 76%; 8th Science 76%; 8th Us His 82%

Of course 100% at each level is desired, but it is evident that a large majority of our students are achieving success.

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

Even though we work tirelessly to maintain current hardware, it is extensive and on-going. During the same past six months we have deleted another two dozen computers which have become obsolete. The are being stripped of reusable parts and the stripped down remains will be gathered for e-waste disposal. Another real issue is in regard to repair and maintenance. For example, replacement bulbs for LCD projectors proves very expensive. Money and aging technology will continue to be a barrier.

Administrators and faculty are encouraged to attend conferences, read, and network. From these tours, both real and virtual, new technology is being added to our rural school. Our big push this year is to 'go green' as much as possible. The Classroom Response Systems, Laptops, Document Cameras, Smartboards, projectors and new networked printer/copiers which enforce limits will all combine to the save paper and costs.

# Vanoss Indep School District 9, 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

Sonic Wall

### Internet Acceptable Use Policy

Acceptable Use Policy Board

[http://www.erate470.com/tpc/documents/cipa2\\_02PK0SJJ0M.pdf](http://www.erate470.com/tpc/documents/cipa2_02PK0SJJ0M.pdf)

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

CIPA Compliance Agenda & Minutes

[http://www.erate470.com/tpc/documents/cipa3\\_02PK0SJJ0M.pdf](http://www.erate470.com/tpc/documents/cipa3_02PK0SJJ0M.pdf)

### CIPA Certification

CIPA Certification

[http://www.erate470.com/tpc/documents/cipa4\\_030W0HCLHU.pdf](http://www.erate470.com/tpc/documents/cipa4_030W0HCLHU.pdf)

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## Appendix

---

### Attachments

**Attachment A**

Rubric of Essential Technology Conditions

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

**Attachment B**

National Educational Technology Standards (NETS)

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

**Attachment C**

Vanoss site map

[http://www.erate470.com/tpc/documents/Vanoss\\_pln\\_y11.pdf](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](http://www.erate470.com/tpc/documents/Vanoss_Att4_teachersurvey.pdf)

**Attachment E**

Vanoss Web Site

[www.vanoss.k12.ok.us](http://www.vanoss.k12.ok.us)

**Attachment F**

Internet Filter Invoice & Log 2009

[http://www.erate470.com/tpc/documents/vano\\_filterlog\\_2009.pdf](http://www.erate470.com/tpc/documents/vano_filterlog_2009.pdf)

# Vanoss Indep School District 9, 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 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.
- 1.2 Staff development. Train teachers to use the technology.
- 1.3 Administrative staff will gain necessary skills to use technology to improve administrative and management effectiveness.
  
- 2.1 Teachers will gain the necessary technology skills to insure student mastery of grade level technology competencies.
- 2.2 Technology will be used to encourage and support joint development and dissemination of curriculum.
- 3.1 All students, teachers, staff and administrators will have equal access to technology.

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

# Vanoss Indep School District 9, 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 The district will use technology to coordinate the connection and sharing of all educational resources among all buidings and district personnel. Annual technology updates will be part of the in-service training.
- 1.2 Staff development. Train teachers to use the technology.
- 1.3 Administrative staff will gain necessary skills to use technology to improve administrative and management effectiveness.
  
- 2.1 Teachers will gain the necessary technology skills to insure student mastery of grade level technology competencies.
- 2.2 Technology will be used to encourage and support joint development and dissemination of curriculum.
- 3.1 All students, teachers, staff and administrators will have equal access to technology.
- 6.1 Increase the number of students who use technology for thinking, learning, and producing quality products in a variety of modes.
- 6.2 Students will be able to interact with "live" information resources by using the Internet.
- 10.1 Educate administration including superintendent and principals on importance of technology as an essential tool in learning and teaching.

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

**Objectives Aligned:**

- 2.1 Teachers will gain the necessary technology skills to insure student mastery of grade level technology competencies.
- 2.2 Technology will be used to encourage and support joint development and dissemination of curriculum.
- 3.1 All students, teachers, staff and administrators will have equal access to technology.
- 5.1 Purchase software that supports and enhances the curriculum.
- 5.2 Provide Central location for using specialized curriculum software that can be accessed in classrooms as well as in the labs.

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	Aligned to an objective in Goals & Objectives Section.	Complete

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan NCLB Alignment Report

into curricula and instruction.		
---------------------------------	--	--

**Objectives Aligned:**

- 3.2 District will ensure that technology is accessible to all students, including those with disabilities and those who are economically disadvantaged.
- 10.1 Educate administration including superintendent and principals on importance of technology as an essential tool in learning and teaching.

	NCLB Requirements	Alignment Criteria	Status
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:**

- 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.
- 1.2 Staff development. Train teachers to use the technology.
- 1.3 Administrative staff will gain necessary skills to use technology to improve administrative and management effectiveness.
- 2.1 Teachers will gain the necessary technology skills to insure student mastery of grade level technology competencies.
- 2.2 Technology will be used to encourage and support joint development and dissemination of curriculum.
- 3.1 All students, teachers, staff and administrators will have equal access to technology.

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

**Objectives Aligned:**

- 1.1 The district will use technology to coordinate the connection and sharing of all educational resources among all buildings and district personnel. Annual technology updates will be part of the in-service training.
- 1.2 Staff development. Train teachers to use the technology.
- 1.3 Administrative staff will gain necessary skills to use technology to improve administrative and management effectiveness.
- 2.2 Technology will be used to encourage and support joint development and dissemination of curriculum.
- 4.2 Create and maintain a complete inventory of installed technology.
- 4.3 Provide adequate Internet Access and Telecommunications to support learning goals and administrative needs.

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan NCLB Alignment Report

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

**Objectives Aligned:**

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

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:**

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

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:**

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

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



# Vanoss Indep School District 9, 2011 - 2014 Technology Plan

## NCLB Alignment Report

**Objectives Aligned:**

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

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

**Objectives Aligned:**

- 8.1 Develop and maintain a district web site for school and community-wide communication and collaboration. On-line access to gradebook for parents planned for year 2011.
- 8.2 Implement and monitor the consistent practice of increasing communications about student achievement among students, parents, and staff.

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

**Objectives Aligned:**

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

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

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

# Vanoss Indep School District 9, 2011 - 2014 Technology Plan NCLB Alignment Report

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