

# MEDINA VALLEY ISD

## Technology Plan

2010 - 2011

**JAMES STANSBERRY**

SUPERINTENDENT

### DISTRICT PROFILE

ESC Region	20
City, State Zip	CASTROVILLE, TX 780099531
Phone	(830) 931-2243
Fax	(830) 931-4050
County District Number	163908

Number of Campuses	5
Total Student Enrollment	3380
District Size	3,000 - 4,999
Percent Econ. Disadvantaged	50.50%

<b>Technology Expenditures</b>	<b>\$1,305,742.00</b>	
<b>Technology budgets reported in plan by category</b>	Teaching and Learning Budget	\$58,000.00
	Educator Preparation and Development Budget	\$51,000.00
	Leadership, Administration and Support Budget	\$277,250.00
	Infrastructure for Technology Budget	\$919,492.00
	<b>Total:</b>	<b>\$1,305,742.00</b>
<b>Technology Expenditure Per Pupil</b>	\$386.31	
<b>Number of Campuses with Direct Connection to Internet</b>	5	
<b>Percentage of Campuses with Direct Connection to Internet</b>	100.00%	
<b>Number of Classrooms with Direct Connection to Internet</b>	360	
<b>Percentage of Classrooms with Direct Connection to Internet</b>	100.00%	
<b>Computer/Student Ratio</b>	4 student(s) for every computer	
<b>Computer/Teacher Ratio</b>	1 teacher(s) for every computer	
<b>Number of campuses that need to complete the Texas Campus STaR Chart</b>	5	
<b>Percentage of campuses that have</b>	100.00 %	

## Plan Introduction

Plan Last Edited 12/17/2009

<b>Plan status:</b>	not submitted
<b>Years Included in the Plan:</b>	2010 - 2011
<b>Number of years covered by the plan:</b>	1

### Technology Planning Committee

Marsalie Perry - Vice Principal, Castroville Elementary  
Yvette Gonzales – Vice Principal, LaCoste Elementary  
David Solis - Vice Principal, Potranco Elementary  
Rodney Ramirez - Vice Principal, MV Middle School  
Teresa Haby - Coordinator, DAEP Program  
Deborah Queen – Community Rep, Castroville Public Library  
Kevin Rakoski - Parent Rep  
Michael Nesbit – Assistant Superintendent of Curriculum, Instruction & Assessment  
Carl Lyles – Technology Director  
Paula Tschirhart – Instructional Technology  
Charlene Cullins – CIT/Teacher, Castroville Elementary  
Jeanette Jones – CIT/Teacher, LaCoste Elementary  
Jill Darter - CIT/Teacher, Potranco Elementary  
Carol Hagen – CIT/Teacher, MV Middle School  
Kelli Bippert – CIT/Teacher, MV Middle School  
Doug Neuman – CIT/Teacher, MV High School  
Jennilea Campbell - CIT/Teacher, MV High School

## Executive Summary

### Purpose

Medina Valley ISD has prepared this Annual Technology Plan to articulate a common vision for rigorous academic achievement, and the development of critical thinking skills, through effective technology integration by student and teachers into curriculum and instruction.

### Background

This plan is based on information drawn from many sources including:

- A review of the literature to identify best practices (gathered from TCEA, ESC20 and electronic resources)
- A survey of school site hardware and instructional media
- A survey of teachers
- A survey of administrators
- Interviews with site and district administrators and representatives from the Medina Valley community
- District meetings
- Other district technology plans
- Experience from other school districts
- State and Federal requirements

### Parameters

This Technology Plan is driven by the state curriculum standards and supports the educational mission and instructional goals of Medina Valley ISD and by the No Child Left Behind Act of 2001. Specific attention is given to addressing student standards for technology as defined by the Technology Applications Texas Essential Knowledge and Skills (TEKS), required in the Texas Education Code, Section 28.002. The Technology Applications TEKS found in 19 TAC Chapter 126 describe what students should know and be able to do using technology. As a part of the regular curriculum, these TEKS are to be used as guidelines for providing instruction. The goal of the Technology Applications TEKS is for students to gain technology-based knowledge and skills and to apply them to all

curriculum areas at all grade levels.

The plan stresses the importance of ongoing and sustained staff development in the integration of technology into the curriculum for students, teachers, principals, administrators, and school library media personnel to further the effective use of technology in the classroom or library media center. It also is consistent with the recommendations for LEAs as defined by the Texas Long-Range Plan for Technology in the areas of Teaching and Learning, Educator Preparation and Development, Administration and Instructional Support, and Infrastructure for Technology, as well as the E-Rate applications guidelines, and other state standards, such as the SBEC Technology Applications Standards for ALL teachers.

## Needs Assessment

### Assessment Process:

Assessment Process:

General Introduction.

The District Technology Committee was formed in 1996 with two members from each campus at that time, plus district personnel. The beginning goal of the committee was to create a district technology plan focusing on the four areas identified in the TEA Long Range Plan: Infrastructure for Technology, Teaching and Learning, Educator Preparation, Administration and Instructional Support.

The District Instructional Technology Committee meets monthly to work on issues and initiatives listed in the district technology plan. Each campus representative in turn works with their campus and their campus improvement plan.

Needs Assessment.

A comprehensive needs assessment utilizing SimpleAssessment.com's Student Technology Proficiency (NETS), Texas Teacher STaR Chart surveys, interviews, focus group sessions/meetings, inventories, and the Texas Campus STaR Chart was conducted to analyze the current status of technology integration in the district and determine future needs. Items analyzed included: infrastructure, hardware, software, instructional programs, student/teacher courses, student achievement, technology resources, staff development, instructional and technical support. Findings from this needs analysis are in the following sections.

### Existing Conditions:

Existing Conditions:

The following technology is currently in place:

District-Wide

District Master Closet direct connection to the Internet via 6.0 meg Gigaman bandwidth

- Internet Service Provider is Region 20
- Every campus desktop in the district is connected at a 100 mbps speed to an Ethernet LAN
- Every campus has its own server
- District-wide gigabit fiber connections between all buildings, with the exception of:
  - Wireless connections at 54 mbps (80211g):

District Social Worker portable

DAEP Program

Boys Field House

Transportation/Bus Barn

High School AFROTC Program

Maintenance

District Master Closet (see District-wide above).

- Remote campuses (Castroville, LaCoste and Potranco) have access to district services and the internet via Gigaman.
- District web server in place providing district information, campus information and student work. The web server is maintained by the district webmaster with district and campus information and projects.
- Written policies in place on acceptable use of the Internet, World Wide Web content, network management, and equipment donations.
- Distance learning lab (at the HS) available for students, staff, and community members.
- netVision20, through ESC20, used for district training and information.
- The district has standardized some applications supporting State and National Technology Applications standards (e.g. MS Office 2007 including MS Access, MS Publisher and Infopath).

Medina Valley DAEP

- 3 staff computers with wireless connection to the Internet/intranet.
- 20 student computers (10 MS and 10 HS) with wireless connection to the internet.
- Scientific Learning's Fast ForWord reading program.
- A+ Anywhere Learning System (all core subjects - credit recovery, remediation, acceleration and tutorial)
- CSCOPE
- Career Cruising
- 1 networked lab printer

- 1 copier/printer/scanner/fax – scanner/fax capability not enabled.

#### Medina Valley High School

- Direct connection to the Internet (see District-wide above).
- Web content submitted by the students with high school information and projects (space on file server).
- Networked, Ethernet-to-the-desktop connected computer labs with a shared file server including the following: RTech lab, Read 180 lab, Credit Recovery, Library, Journalism, Fast ForWord, Keyboarding/BCIS, BCIS/Accounting, Technology Applications, Language Lab, Distance Learning, Instructional Lab.
- Scientific Learning's Fast ForWord reading program for district wide intervention use.
- A+ Anywhere Learning System (all core subjects - credit recovery, remediation, acceleration and tutorial)
- CSCOPE
- Career Cruising
- TI 83 plus calculators available in math classes and science classes. TI 84 calculators in math classes.
- Capacity for six network drops in every classroom.
- Networked online card catalog, automated checkout in the library, Internet access, Digital Knowledge Central (DKC), PowerMedia Plus, Prentice Hall Social Studies TAKS review, Science TAKS remediation, TMSDS, Kurzweil, GradeSpeed, and Test Generator.
- Video Conferencing Classroom/Distance Learning Lab
- Core Academic Subject Computer Lab with 25 computers
- TextLink textbook inventory system in place.
- Classroom projectors
- 6 Math Department
- 1 English Department
- 4 Foreign Language
- 4 Library
- 1 Social Studies Department
- 2 Ag. Sciences
- 1 Building Trades
- 1 Automotive Technology
- 1 DCP
- 1 Family and Consumer Sciences
- 5 Science Department
- 1 Digital Graphics/Webmastering
- 2 BCIS
- 2 Digital cameras for Journalism Department
- 1 Digital camera for Family and Consumer Sciences
- 1 digital camera for teacher checkout
- 2 scanners in Journalism room & DG Lab
- 6 Avermedia Converters in Social Studies and English Department
- 2 camcorders in DG Lab
- Digital Microscopes and PDA in Science Department
- Two full-time teachers are paid a stipend to be Campus Instructional Technologists to aid the staff in technology integration into the curriculum and technology training.

#### Medina Valley Middle School

- Direct connection to the Internet (see District-wide above).
- Three networked, Ethernet-to-the-desktop connected computer labs with a shared file server
- Voyager Math software programs available to students and teachers.
- Scientific Learning's Fast ForWord reading program for district wide intervention use.
- A+ Anywhere Learning System (all core subjects - credit recovery, remediation, acceleration and tutorial)
- CSCOPE
- Networked, Ethernet-to-the-desktop connected computer labs with a shared file server including the following: RTech lab, Fast ForWord, Keyboarding, Technology Applications, Language Lab.
- Library computers (12) for student/teacher access.
- Science labs (2 computers) to run science applications and experiments
- Capacity for six network drops in every classroom.
- Networked online card catalog, Internet access, Digital Knowledge Central (DKC), PowerMedia Plus, GradeSpeed, and automated checkout in the library.
- TextLink textbook inventory system in place.
- Computer projectors on campus for classroom checkout:
- 3 Library checkout
- Department projectors:
- 9 Math Department
- 2 Language Arts
- 6 Social Studies

- 6 Science
- 1 Tech Apps
- 1 video camera for teacher check out
- 6 Digital cameras on campus:
- 3 Journalism
- 2 Library
- 1 UIL/Science
- 1 digital camera for teacher checkout
- 2 scanner
- Two full-time teachers are paid a stipend to be the Campus Instructional Technologists to aid the staff in technology integration into the curriculum and technology training.

#### LaCoste Elementary Campus

- Direct connection to the Internet (see District-wide above).
- Two networked, Ethernet-to-the-desktop connected computer labs (25 in each) with a shared file server
- Two Fast ForWord environments (5 computers/3 computers) for reading program
- CSCOPE
- Library computers (3) for student/teacher access.
- One AlphaSmart hub with 30 AlphaSmart units.
- Capacity for six network drops in every classroom.
- Networked online card catalog, Internet access, Digital Knowledge Central (DKC), PowerMedia Plus, Study Island TAKS Review, mClass TPRI, GradeSpeed, Quarter Mile Math, enVision Math, Read Naturally and automated checkout in the library.
- Standardized keyboarding software (Ultrakeys) in place
- TextLink textbook inventory system in place.
- Scientific Learning's Fast ForWord reading program for intervention use in 1 existing lab.
- Standardized keyboarding software (Ultrakeys) in place.
- 1 Promethean interactive white board - Tech Apps lab
- 1 SMART Interactive Board
- 27 handhelds (Tungsten E's) – for student use in 5 teacher classrooms
- 15 handhelds (Tungsten E's) – 1 for every teacher
- 25 Digital cameras on campus for teacher/student checkout.
- 1 Digital Camcorder
- 7 scanners
- 25 computer projectors - 1 per classroom
- 1 4th grade digital camera
- 4 digital microscopes
- 12 data loggers
- 8 CPS systems
- 21 eInstruction MOBIs
- 30 iPods
- 10 webcams
- Full-time Technology Apps Teacher/Campus Instructional Technologist to aid the staff in technology integration into the curriculum and technology training.

#### Castroville Elementary Campus

- Direct connection to the Internet (see District-wide above).
- Two networked, Ethernet-to-the-desktop connected computer labs (24 in each) with a shared file server
- Library computers (1) for student/teacher access.
- Fast ForWord lab (5 computers) for reading program
- Scientific Learning's Fast ForWord reading program for intervention use in 1 existing lab.
- Capacity for six network drops in every classroom.
- CSCOPE
- Networked online card catalog, Internet access, Digital Knowledge Central (DKC), PowerMedia Plus, GradeSpeed, Study Island TAKS Review, Earobics, enVision Math, MathFacts in a Flash and automated checkout in the library.
- Mobile Video Conferencing Equipment
- TextLink textbook inventory system in place.
- Standardized keyboarding software (Ultrakeys) in place
- 29 computer projectors - 1 in every instructional classroom
- 1 computer projector for checkout for staff development and for other staff members to use when needed
- 5 HP Technology for Teaching grant computer projectors in participating classrooms
- 3 Digital cameras on campus for teacher checkout, 12 student digital cameras used in Technology Applications Lab, 1 TARGET/GenYES digital camera, 1 digital camera for Intel Teach to the Future Participating Teacher classroom, and 5 HP Technology for Teaching grant digital cameras in participating classrooms.
- 14 handhelds for Reading 1st grant, and 1 extra on hand to replace if needed
- 17 handhelds (Tungsten E's) – for student use in 1 teacher's classroom
- 2 Promethean Interactive Board

- 1 SMART Interactive Board
- 5 eInstruction Mobi's
- 3 TARGET/GenYES scanners and 5 HP Technology for Teaching grant scanners in participating classrooms.
- Full-time Technology Apps Teacher/Campus Instructional Technologist to aid the staff in technology integration into the curriculum and technology training.

#### Potranco Elementary Campus

- Direct connection to the Internet (see District-wide above).
- Two networked, Ethernet-to-the-desktop connected computer labs (24 in each) with a shared file server.
- Library computers (2) for student/teacher access
- Fast ForWord lab (5 computers) for reading program
- Scientific Learning's Fast ForWord reading program for district wide intervention use.
- CSCOPE
- Capacity for 4 network drops in every classroom
- Capacity for 1 wireless access point for every 2 classrooms
- Networked online card catalog, Internet access, Digital Knowledge Central (DKC), PowerMedia Plus, mClass TPRI, GradeSpeed, Study Island, and automated checkout in the library.
- Standardized keyboarding software (Ultrakeys) in place
- TextLink textbook inventory system
- 31 computer projectors
- 2 Digital cameras on campus for teacher checkout
- 1 TARGET/GenYES digital camera
- 1 4th grade digital camera
- 1 4th grade digital camcorder
- 1 computer lab digital camcorder
- 17 Reading 1st Grant Handhelds (Tungsten E's)for reading assessment using TPRI
- 9 handhelds (Tungsten E's) - to close gap for other teachers
- 5 new Palm Z22 handhelds to replace failing TEs
- 1 Smart Board
- 1 Promethean ActivBoard
- 1 Scanner
- 3 CPS Systems
- 6 eInstruction MOBIs
- Full-time Technology Apps Teacher/Campus Instructional Technologist to aid the staff in technology integration into the curriculum and technology training.

#### Telecommunications Services

Currently, all students and staff members in the school district have access to the Internet, through a direct connection (as cited above in the Statement of Existing Conditions). LANs are in place on every operating campus.

#### Inventory

The latest inventory of current technology available for student use in Medina Valley ISD as of February 2009 is given in the chart below. Student counts are as of November 2008 (PEIMS). Only current, non-obsolete (1GHz speed or better; at least 1 GB RAM; 40 GB Hard drive, network-capable) student computers are listed. The list does not include administrative computers or file servers.

Campus	Number of Total Student	Computers	Computer Ratio
Castroville Elementary	581	175	3.32 students/1
LaCoste Elementary	320	90	3.56 students/1
Potranco Elementary	663	200	3.32 students/1
Middle School	792	200	3.96 students/1
High School	1024	257	3.98 students/1
<b>GRAND TOTALS</b>	<b>3380</b>	<b>922</b>	<b>3.67 students/1</b>

MVISD currently owns 1583 computers that are located in 5 campuses and in offices across the district. Of these computers, most meet the District's minimum standards of 1 GB RAM, 2 GHz Processor, 40 GB hard drive. It is the District's goal to provide access for all students to current technology, technology that is one – three years old. To meet this goal the District reviewed the hardware in place and has determined the areas of greatest need. Over the next several years, a minimum amount of computers and digital computer projectors need to be purchased to support student needs, and to support the new digital/technology integrated textbook/instructional materials adoptions. Most campuses still need more than one computer in their classrooms to work towards the TEA 1:1 computer to student ratio goal. MVISD requests funding be allocated to support those areas most in need as noted below.

#### Technology Needs:

DISTRICT TECHNOLOGY NEEDS

#### Infrastructure:

- Greater bandwidth
- o Online applications (Pentamation, PEIMS, NGS, iTCCS, GradeSpeed, Pearson, CollegeBoard/SpringBoard, PASeries, etc.)
- o Video Conferencing
- o Streaming Video
- Voice-over IP Initiatives (IPT)
- Wireless Infrastructure
- Infrastructure Upgrade - switches

#### Hardware:

- Annual equipment review and update for district level support personnel (Administration, Clerical, Technology, Maintenance, Finance, PEIMS, Transportation, Attendance)
- District/Campus technology specific budget with uniform upgrade/maintenance plan.
- Ancillary Technology available or for checkout to staff and community through Media Centers (libraries)
- o 6 digital video/still cameras
- o 6 wireless laptops
- o Distance Learning/Distance Videoconferencing lab (PolyCom V/C Package, digital projector, Promethean ActivBoard, 20 computers, document camera/Elmo, Scanner)
- Computer projectors need to be mounted in the ceiling for safety and security reasons.
- Wall mounted white A/V screen, whiteboard, or Promethean ActivBoard
- eInstruction MOBI in all classrooms

#### Software:

- Continue to monitor and upgrade to insure standardized productivity tools (e.g. MS Office, etc.)
- Standardized support tools (e.g. Pentamation, PEIMS, NGS, iTCCS, GradeSpeed, Pearson Benchmark, Pearson Inform, CollegeBoard/SpringBoard, PASeries, Textlink, media-X MxWeb mVal for PDAS, CSCOPE, TMSDS, A+, etc.)
- Kidspiration/Inspiration district wide
- Audacity, PhotoStory3 and Adobe Photo Elements district wide
- Finale Notepad music editor district wide

#### Instruction:

- Human Resources department hosts technology roundtables for district level clerical, support, transportation, administrative, etc. personnel on a monthly basis
- Community Education department plans and implements free basic technology lessons for parents and community member quarterly

#### Personnel/Tech Support:

- Technical support staff
- Instructional/Technology Integration support staff

#### Staff Development:

- Early Release days added to District Calendar for campus technology specific staff development
- Stipend for teachers who pass the Teacher Technology Competencies Certification (Texas TTCC) program

#### DAEP PROGRAM TECHNOLOGY NEEDS:

##### Infrastructure:

- Security Camera System
- Connection from PC to ceiling mounted projector.
- Direct connection to intranet (increase and stabilize bandwidth)

##### Hardware:

- Ceiling mount for projector
- LCD projector (on order)
- New computers to replace outdated/non-functioning computers and run Web design software.
- TI-84 calculators for all science and math classrooms.
- Digital video camera for English projects
- DVD/VCR player
- MP3 video/audio player for Podcasting
- e-Instruction/CPS (Classroom Performance System) equipment or equivalent in each classroom, to interface with Benchmark system
- Ability to scan and send via email from copier/scanner

##### Software:

- Equivalent software for MS/HS computer labs
- CPO science material
- Cyber-Ed software
- CPS stations in each classroom for District benchmark online testing
- Video editing software

- Podcasting software installed (Audacity - free)
- MicroSoft Photo Story (free) software installed
- Teacher Webpage access/design tools

Instruction:

- All students must have one Technology Application credit

Staff Development:

- Program specific technology training

CAMPUS TECHNOLOGY NEEDS:

CASTROVILLE ELEMENTARY

Infrastructure:

- Auditorium network connection drops
- Telephone in main computer lab
- Wireless capability campus-wide
- Increase bandwidth district-wide for video
- Increase number of computer labs to 3

Hardware:

- 2 digital cameras per grade level
- Promethean Interactive in every classroom with
- Headphones with built in microphones in computer labs
- DVD burner
- 7 Neo hubs (1 per grade level and 1 for main computer lab)
- CPS systems for every classroom teacher
- IKON Copiers in teacher workrooms enabled to scan documents and send via email
- Upgrade all PCs to 1 GB RAM
- 2 color laserjet printers for lab and office use
- Laptop for admin. and guest presenters
- eInstruction Mobis for every classroom
- 1 replacement bulb for each projector
- 1 set of speakers for each teacher computer for each classroom

Software:

- Kidspiration and Inspiration on every classroom computer and in computer labs
- Quarter Mile Math on every classroom computer
- Response to Intervention (RTI) computer lab: Fast ForWord, Read Naturally, Earobics, and standard Office load
- Teacher Webpage access/design tools

Instruction:

- Each student needs one hour of integrated technology instruction per day
- Each subject should be technology integrated weekly
- Thirty-minutes of keyboarding three times per week

Technology Support:

- 2 full-time Campus Instructional Technologists
- 1 PC Tech at the elementary campus level, to rotate between the three Elementary campuses

Staff Development:

- Staff Development will consist of the Learning that Clicks - All in One, using NETS Standards.

LACOSTE ELEMENTARY

Infrastructure:

- Wireless capability campus-wide
- Increase bandwidth district-wide for video
- Cabling for ceiling mounting projectors
- Video splitters for projector/desktop
- Capability of teachers to scan & send via email on the IKON copiers
- Increase number of computer labs to 3

Hardware:

- Video Conference Lab: Polycom package

- Laptops for all the teachers
- Mounted projectors in every classroom
- Promethean Board in every classroom
- One replacement bulb for projectors
- Microphones for the computer labs
- 6 Neo hubs (one per grade level)
- DVD/CD burner for CIT
- A CPS (Classroom Performance System) per classroom
- Have a 4/1 ratio for student/machines in each classroom
- Flash drive/jump drive for every student

Software:

- Inspiration/Kidspiration on every computer on campus
- Teacher Webpage access/design tools

Instruction:

- Each student needs one hour of integrated technology instruction per day
- Each subject should be technology integrated weekly
- Thirty-minutes of keyboarding three times per week

Technology Support:

- 2 full-time Campus Instructional Technologists
- 1 PC Tech at the elementary campus level, to rotate between the three Elementary campuses

Staff Development:

- Develop an IEP per teacher to empower them to integrate technology into their lessons.

POTRANCO ELEMENTARY

Infrastructure:

- Increase bandwidth district-wide for video
- Increase number of computer labs to 3

Hardware:

- Ceiling Mounts for LCD projectors
- 6 Neo Hubs - 1 per grade level plus 1 computer lab (24 Neos for each grade level and lab = 168)
- Add computers to existing classrooms to ensure a minimum of 3 computers in every classroom.
- Speakers for each LCD projector.
- Replacement bulb for each LCD projector.
- Promethean board for each classroom
- Video Conferencing Center
- A CPS (Classroom Performance System) per classroom

Software:

- Inspiration/Kidspiration on every computer on campus
- Quarter Mile Math on every computer on campus
- Teacher Webpage access/design tools

Instruction:

- Each student needs one hour of integrated technology instruction per day
- Each subject should be technology integrated weekly
- Thirty-minutes of keyboarding three times per week

Technology Support:

- 2 full-time Campus Instructional Technologists
- 1 PC Tech at the elementary campus level, to rotate between the three Elementary campuses

Staff Development:

- Develop an IEP per teacher to empower them to integrate technology into their lessons.

MEDINA VALLEY HIGH SCHOOL

Infrastructure:

- 1 updated Security Camera System
- Wireless connectivity
- 6 live network drops for each classroom
- Increase student access to 21st century technology skills, to include network login policy and multimedia accessibility, to support Technology Application TEKS.

- Connections from PC to ceiling mount projectors for all classrooms and labs.

#### Hardware:

- Ceiling mounts for projectors for all instructional classrooms and labs
- New computers to replace outdated computers and to allow for 6 computers per classroom.
- Color laser printers for the labs and classrooms
- e-Instruction/CPS (Classroom Performance System) equipment
- eInstruction MOBIs for each classroom
- flash drive for each student
- laptop for each teacher
- Computers for science lab stations
- TI-84 calculators for all science and math classrooms.
- Vernier probes for data collection
- Digital scales for science labs with USB connections.
- 12 microscopes for science labs
- Digital video cameras for English projects
- DVD/VCR players for all classrooms
- 1 Scanner per department
- MP3 video/audio players for Podcasting
- Promethean ActiveBoard per department

#### Software:

- CPO science material
- Cyber-Ed software
- CPS stations in each classroom for District benchmark online testing
- Video editing software
- Podcasting software installed (Audacity - free)
- MicroSoft Photo Story (free) software installed
- Teacher Webpage access/design tools
- Inspiration software

#### Instruction:

- All students must have one Technology Application credit
- Student technology projects incorporated in regular classroom instruction
- Increase CTE and Science courses that qualify for technology credit

#### Staff Development:

- Campus and Departmental based Technology Staff Development.
- Program specific technology training
- Technology development determined by teacher need, to include technology integration into the curriculum

#### Technical Support:

- 1 full time Campus Instructional Technologist for in classroom technology application instruction.

#### MEDINA VALLEY MIDDLE SCHOOL

##### Infrastructure:

- Wireless capacity for entire campus
- 4 additional live network drops for each classroom
- Increase student access to 21st century technology skills, to include network login policy and multimedia accessibility, to support Technology Application TEKS.
- Increase bandwidth district-wide for video

##### Hardware:

- 50 Digital Projectors, speakers, extra bulbs and ceiling mounts for instructional classrooms and labs
- New computers to replace outdated computers and to allow for 6 computers per classroom
- 50 teacher laptops
- 50 USB pens/flash drives for teacher portfolios
- USB pens/flash drives for each student—875 for student portfolios
- 4 Color laser printers for the labs and classrooms
- 3 Promethean Boards
- Video Conferencing Equipment
- Refurbish Mobile Labs
- Additional Security Cameras
- 4 presentation carts/laptop/DVD/VHS/digital projector/speakers
- e-Instruction/CPS (Classroom Performance System) equipment or equivalent in each classroom, to interface with Benchmark system
- 5 digital cameras

- 2 digital video cameras
- 75 headphones
- Ability to scan and send via email from IKON copiers in teacher workrooms
- 12 Neo hubs, with Neos included
- Podcasting: MP3 Video/Audio Players

Software:

- Inspiration software
- Career Cruising license for Achieve Texas Career pathways
- Podcasting software installed (Audacity - free)
- MicroSoft Photo Story (free) software installed
- Teacher Webpage access/design tools

Instruction:

- All students will be required to take one Technology Applications course
- Student technology projects incorporated in regular classroom instruction
- Teachers integrate technology into a minimum of one lesson per month
- Increase CTE and Science courses that qualify for technology credit

Staff Development:

- Campus and Departmental based Technology Staff Development.
- Program specific technology training
- Technology development determined by teacher need, to include technology integration into the curriculum

Technical Support:

- 2 full time Campus Instructional Technologists to support teachers with technology integration into their classroom lessons
- 1 PC Tech on campus

## Goals, Objectives, and Strategies

**GOAL 1: Evaluate the levels of technology use and integration by administrators, teachers, librarians, and other professional staff.**

**OBJECTIVE 1.1:**

100% of teachers, librarians, and campus administrators will complete a technology needs assessment.

*Budget Amount \$3,000.00*

*LRPT category: Educator Preparation and Development*

E-Rate Correlates: ER01

NCLB Correlates: 01, 11

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.1.1: Facilitate campuses updating the Texas Campus STaR Chart as well as the individual Texas Teacher STaR Charts.  LEA LRPT Correlates: EP03, EP05, LAS03	State: Revised  Status: In Progress	each November	Technology Director, Campus Principals, Instructional Technology Committee	Availability of the survey via the web Weekly Memo to principals CIT follow ups
1.1.2: Administer the SimpleAssessment technology proficiency test.  LEA LRPT Correlates: EP03, EP05, I01	State: Original  Status: In Progress	2010-2011	Asst. Supt. of C & I, Technology Director, Campus Principals, Instructional Technology Committee, Library Media Services	Data reports for each campus and one report for the district Evaluations

**OBJECTIVE 1.2:**

100% of teachers, librarians, and administrators will implement and track technology integration in classroom instruction and in daily administrative tasks

Budget Amount \$20,000.00  
 LRPT category: Teaching and Learning

E-Rate Correlates: ER01  
 NCLB Correlates: 01, 02, 03, 04a, 07, 08, 09, 11, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.2.1: Use a systematic problem-solving approach to guide development of digital content focused on inquiry-based approaches.  LEA LRPT Correlates: EP08, EP09, I02, I04, LAS08, TL04	State: Revised  Status: In Progress	2010-2011 Ongoing	Asst. Supt. Of C & I, Technology Director, Campus Principals, Instructional Technology Committee, Library Media Services	Lesson plans and activities from each campus
1.2.2: Promote approaches that foster information literacy and appropriate use of Learning Resource Centers and electronic resources such as DKC through Region 20, Thinkfinity, and Facts on File. This should include multimedia rich resources, such as PowerMediaPlus' digital video, other digital video, audio and images.  LEA LRPT Correlates: EP01, EP03, EP09, I02, I05, I09, LAS08, LAS15, TL08, TL09, TL13	State: Revised  Status: In Progress	2010-2011 ongoing	Asst. Supt. Of C & I, Technology Director, Campus Principals, Instructional Technology Committee, Library Media Services, Region 20	Monthly usage statistics Session evaluation of usage Ed Tech resources from Region 20, Instructional Technology Committee training, Teacher and Student training
1.2.3: Ongoing data-driven technology for administrators (principals & assistant principals) to help them assess technology integration in the classroom using the SimpleAssessment data.  LEA LRPT Correlates: EP04, I02, LAS02	State: Revised  Status: Planned	2010-2011	Technology Director, Instructional Technology Committee, Campus Administrators	Monthly Instructional Technology Committee Site Session evaluations
1.2.4: Lesson plans will reflect technology integration (ex: technology column in digital lesson plan submitted). Principals will document via PDAS.  LEA LRPT Correlates: LAS01, LAS12, TL01, TL03, TL06, TL08, TL12	State: Original  Status: Planned	2010-2011 and ongoing	Campus Principals, Teachers, Asst. Supt. of C & I	Technology integration included in lesson plans

**GOAL 2: Teachers, Librarians and professional support staff will participate in staff development.**

**OBJECTIVE 2.1:**

Develop and implement a technology professional development plan aligned to SBEC Technology Competencies for Teacher Standards I-V so that all teachers are proficient by 2010.

Budget Amount \$38,000.00  
 LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02  
 NCLB Correlates: 03, 04a, 04b, 07, 11

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.1.1: Each campus will design and implement a staff development calendar to include SBEC standards  LEA LRPT Correlates: EP01, EP02, EP06, EP07, LAS06	State: Revised  Status: Planned	2010-2011	Campus Principals, Campus Technologist	Campus Calendar; Reports on participation to principals regarding staff development completed.

2.1.2:	Each teacher, librarian and support staff will complete the Texas Star Chart and the SimpleAssessment.  LEA LRPT Correlates: EP05	State: Revised  Status: In Progress	2010-2011 & ongoing	All MVISD teachers, librarian and support staff.	Principals Star Chart report; CITs receive the aggregated results from the technology skills checklist.
2.1.3:	Provide technology training classes that are research-based and provide participants with innovative tools, instructional models, and resources.  LEA LRPT Correlates: EP01, EP02, EP03, EP08, TL14	State: Revised  Status: In Progress	2010-2011 & ongoing	Asst. Supt. Of C & I, Technology Director, Campus Principals, Instructional Technology Committee, Library Media Services	Available via the web site Resources from Region 20/Element K partnership
2.1.4:	Create positions for half-time campus instructional technologists (CITs) as funding permits working toward the goal of a full-time technology facilitator.  LEA LRPT Correlates: EP09, TL02, TL14	State: Revised  Status: In Progress	2010-2011 & ongoing	Asst. Supt. Of C & I, Technology Director, Campus Principals, Instructional Technology Committee	Campus budgets
2.1.5:	Work with instruction staff to incorporate TA TEKS across curriculum to create one student centered multimedia project per semester  LEA LRPT Correlates: EP04	State: Revised  Status: Planned	2010-2011 & ongoing	CIT and Campus Technology Representative	CIT and Campus Technology Representative
2.1.6:	Provide training on using digital video distribution system (video conferencing and PowerMediaPlus) and distance learning in order to effectively use the Polycom package.  LEA LRPT Correlates: EP03	State: Revised  Status: In Progress	2010-2011 & ongoing	Campus Principals Campus Instructional Technologists (CITs)	Campus Calendar. Reports on participation to principals regarding staff development completed.
2.1.7:	CITs and Technology Department provide as needed training to all campus/district staff, based on individual teacher IEPs.  LEA LRPT Correlates: EP09, TL14	State: Revised  Status: In Progress	2010-2011 & ongoing	CITs, Technology Director and Department	Online Tech Tips, staff development calendar

**OBJECTIVE 2.2:**

100% of teachers will have access to online learning resources and tutorials to enhance their professional development.

*Budget Amount \$10,000.00*

*LRPT category: Educator Preparation and Development*

E-Rate Correlates: ER02

NCLB Correlates: 03, 04a, 04b, 07, 11

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.1: Develop Instructional Technology webpages for communication, program awareness, and information dissemination  LEA LRPT Correlates: I08	State: Original  Status: In Progress	2010-2011 & ongoing	Instructional Technology Committee, Webmaster	Usage survey Hit counter Analysis Web pages
2.2.2: Support online web-based curriculum modules providing anytime, anywhere access to professional development and online registration.	State: Revised  Status: Planned	2010-2011 & ongoing	Technology Director and Department, Instructional Technology Committee, Webmaster	Usage survey Hit counter Analysis Web pages – technology literacy program

	LEA LRPT Correlates: EP03, TL01				
2.2.3:	Create a monthly eTech and library tip that spotlights innovative integration of technology into the curriculum, information literacy and problem-solving for staff.  LEA LRPT Correlates: EP04, EP08	State: Revised  Status: Planned	2010-2011 & ongoing	Campus CITs, Campus Faculty, Webmaster, Technology Director and Department, Instructional Technology Committee	Web Site – updated monthly on a rotating basis between campuses, CIT Exchange Calendar updated to provide reminders
2.2.4:	Create, continue and implement strategic plans for district and campus libraries.  LEA LRPT Correlates: EP04	State: Revised  Status: In Progress	2010-2011 & ongoing	Asst. Supt. Of C & I, Technology Director, Campus Principals, Instructional Technology Committee, Library Media Services	DIP integration CIP integration per campus

**GOAL 3: Online resources and innovative curriculum will be available for students, parents, teachers, and librarians.**

**OBJECTIVE 3.1:**

100% of students ,teachers, librarians, and library assistants will have access to online resources that support curriculum and the Technology Application TEKS

*Budget Amount \$25,000.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 04a, 06, 07, 08, 09, 10, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.1.1: Enable the students, teachers, librarians and administrators of MVISD to effectively integrate technology into the teaching and learning in the district by acquiring and providing resources, including a foreign language lab at the middle school and high school.  LEA LRPT Correlates: EP01, EP02, EP04, EP05, EP09, I01, I05, LAS01, LAS03, LAS05, LAS10, TL01, TL03, TL05, TL06, TL08, TL10, TL11, TL12	State: Revised  Status: In Progress	2010-2011 & ongoing HS is beginning use of foreign language lab.	Asst. Supt. Of C & I, Technology Director, Campus Principals, Campus Performance Objective Committee (CPOC) Instructional Technology Committee Library Media Services	District Plan Campus Plan Curriculum Lesson Maps Intranet Web Pages
3.1.2: Use digital video distribution system (video conferencing and PowerMediaPlus) appropriately to enhance learning to change the learning process, allowing for greater levels of inquiry, analysis, interest and collaboration, creativity, content production and student achievement.  LEA LRPT Correlates: EP01, EP08, I05, I06, I09, LAS15, TL08, TL13	State: Revised  Status: In Progress	2010-2011 & ongoing	Asst. Supt. Of C & I, Technology Director, Campus Principals, Campus Performance Objective Committee (CPOC) Instructional Technology Committee, Library Media Services	District Plan Campus Plan Curriculum Lesson Maps Intranet Web Pages
3.1.3: Incorporate the use of technology into CSOPE and lesson plans for problem-solving approach known as the Big6 as a way to help teachers & librarians, develop activities at StarChart Developing Level and above.  LEA LRPT Correlates: I09, LAS08, LAS14,	State: Revised  Status: In Progress	2010-2011 & ongoing	Asst. Supt. Of C & I, Technology Director, Campus Principals, Campus Performance Objective Committee (CPOC) Instructional Technology Committee, Teachers,	Lesson plans

	TL07			Library Media Services	
3.1.4:	Add Parent links of kid friendly sites to Educational Resources on MVISD website  LEA LRPT Correlates: I01, I02, I03, I08, LAS13, TL15, TL16	State: Revised  Status: In Progress	2010-2011 & ongoing	Asst. Supt. Of C & I, Technology Director, Campus Principals, Instructional Technology Committee, Webmaster	Usage survey Hit counter analysis Web pages Email feedback
3.1.5:	Implement the Cross Curricular Texas Edition "Connected Tech" Instructional Materials/Textbook  LEA LRPT Correlates: EP01, EP02, EP04, EP09, I09, LAS10, TL01, TL03, TL06, TL08, TL09, TL12	State: Revised  Status: In Progress	2006-2007 and ongoing	Asst. Supt. of C&I, Technology Director, Campus Principals, Campus Performance Objective Committee (CPOC), Instructional Technology Committee, Library Media Services	District Plan Campus Plan Curriculum TRIAND Intranet Web Pages
3.1.6:	Implement Pearson Assessment Series that corresponds with Student Success Initiative for grades 3, 5, and 8.  LEA LRPT Correlates: I09, LAS08, LAS14, TL07	State: Revised  Status: In Progress	2010-2011 & ongoing	Asst. Supt. of C&I, Technology Director, Campus Principals, Campus Performance Objective Committee (CPOC), Instructional Technology Committee, Library Media Services	District Plan Campus Plan Curriculum TRIAND Usage/scores/tracking of PASeries for diagnostic, benchmarks, etc. for grades 3, 5, and 8
3.1.7:	100% of students will use a keyboarding program such as Ultrakeys or Microtype to show proficiency in the input of data.  LEA LRPT Correlates: LAS05, TL01, TL03, TL04, TL05, TL06	State: Original  Status: Planned	2010-2011 & ongoing	Campus Principals, Technology Director, Instructional Technology Committee, CIT	Speed Drill Test once every 9 weeks

**OBJECTIVE 3.2:**

100% of students, teachers, librarians and library assistants will have access to streaming digital media that supports the curriculum

*Budget Amount \$8,000.00*

*LRPT category: Teaching and Learning*

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 04a, 06, 07, 08, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.2.1: Use digital video distribution system, PowerMediaPlus, appropriately to enhance learning to change the learning process, allowing for greater levels of inquiry, analysis, interest and collaboration, creativity, content production and student achievement.  LEA LRPT Correlates: EP01, EP08, I05, I06, I09, TL08	State: Revised  Status: In Progress	2010-2011 & ongoing	Asst. Supt. Of C & I, Technology Director, Campus Principals, Teachers, Instructional Technology Committee, Region 20	Usage feedback Form netVision20 content engine, etc.
3.2.2: Develop web site components that incorporate digital video/audio that show staff modeling best teaching and learning practices.  LEA LRPT Correlates: EP01, EP02, EP08, EP09, I01, I09, LAS05, LAS07, LAS10	State: Revised  Status: Planned	2010-2011 & ongoing	Asst. Supt. Of C & I, Grant Coordinator, Technology Director, Campus Principals, Instructional Technology Committee	Usage feedback Form/ Hit Counter Ed Tech Resources from Region 20 Other resources from Federal Program & Grant Coordinator

**OBJECTIVE 3.3:**

100% of parent and community liaisons will learn how technology is used to support teaching, learning, and a unified vision of leadership.

Budget Amount \$5,000.00  
 LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02  
 NCLB Correlates: 02, 06, 08, 09, 10, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.3.1: Work in collaboration with Community Education staff to facilitate literacy through technology.  LEA LRPT Correlates: LAS07, LAS13, TL15	State: Revised  Status: In Progress	2010-2011 & ongoing	Asst. Supt. Of C & I, Migrant Coordinator, EvenStart & Community Ed Coordinator, Technology Director, Campus Principals, Instructional Technology Committee	Community Ed Pamphlets Community Ed Booklets & Class Registrations
3.3.2: Develop Parent and Community Liaison Pamphlets for Technology  LEA LRPT Correlates: LAS13, TL15	State: Revised  Status: Planned	2010-2011 & ongoing	Asst. Supt. Of C & I, Migrant Coordinator, EvenStart & HeadStart Coordinators, Technology Director, Campus Principals, Instructional Technology Committee	Parent and Community Liaison Pamphlets for Technology Website - Parent Resources
3.3.3: Host an annual Technology Student Product Fair to bring awareness to the district and community on how technology is being integrated in various content areas and how it is impacting student achievement. The fair will provide a way for schools to showcase their innovative uses of technology, as well as to see the projects that have been developed by fellow staff and students across the District.  LEA LRPT Correlates: TL15	State: Revised  Status: Planned	2010-2011	Asst. Supt. Of C & I, Technology Director, Campus Principals, Instructional Technology Committee	Attendance during the Technology Student Product Fair. Photos of events will be posted on the campuses web pages.
3.3.4: Provide parent/community classes at Community Ed Center with full or part-time Campus Instructional Technologists (CITs), faculty & community members.  LEA LRPT Correlates: LAS07, LAS13, TL15	State: Revised  Status: In Progress	2010-2011 & ongoing	Asst. Supt. Of C & I, EvenStart & Community Ed Coordinator, Migrant Coordinator, Technology Director, Campus Principals, Instructional Technology Committee, Faculty, Community Members	Published calendar Community Ed Booklets
3.3.5: Provide parental/guardian read-only internet access to their students' real-time grades through iTCCS gradebook and parent connect.  LEA LRPT Correlates: I01, I08, LAS11, TL15	State: Revised  Status: Planned	2010-2011 & ongoing	Asst. Supt. of C&I, Technology Director, Campus Principals, Campus Performance Objective Committee (CPOC), Instructional Technology Committee, Library Media Services	Teacher and Parent Feedback

**GOAL 4: Develop and maintain a local area and wide area network technology infrastructure for support of students, teachers, librarians, and other professional staff.**

**OBJECTIVE 4.1:**

Provide 100% connectivity to the network to support students, teachers, librarians and campus administrators in support of district initiatives.

Budget Amount \$283,590.00  
 LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01  
 NCLB Correlates: 03, 05, 06, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.1.1:	Maintains and manages servers (DNS, DHCP, Exchange) router, and switches for connectivity to local area network and wide area network resources.  LEA LRPT Correlates: I01, I05, I06, I07, I08, I09	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director & Department	Access to Region 20 reports, electronic mail, on-line Interim Assessments, and the Internet.
4.1.2:	Add a 6.0 MB connection for all ESC 20 services, separate from the district's Gigabit connections. ESC 20 services to be separate include video conferencing, some Internet, PowerMediaPlus, etc.  Comments: To enable the district to use video conferencing and streaming media without tying up all bandwidth resources available.  LEA LRPT Correlates: I01, I05, I06, I09	State: Revised  Status: Completed	2008-2009	Technology Director & Department	More efficient access to Region 20 services, reports, on-line and the Internet. Feedback from staff.
4.1.3:	Maintain a Gigabit connection inside the district and to the Internet in support of schools and administrative locations.  LEA LRPT Correlates: I01, I05, I06, I08, I09	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director & Department	Fast access to Internet. Monitoring of connection speed with software
4.1.4:	Provides communication infrastructure in support of district web site for communication with parents and community.  LEA LRPT Correlates: I02, I03, I08	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director & Department	Web site at www.mvisd.com Usage survey and hit counter analysis Email feedback
4.1.5:	Provide communication avenue for parents or community members without access to email.  LEA LRPT Correlates: I03, I08	State: Original  Status: Planned	2010-2011 & ongoing	Technology Director & Department	Usage survey and hit analysis
4.1.6:	Manages and maintains MV Helpdesk software and technical staff for support of servers, routers, switches, PCs, and other computer related hardware and software at the schools for the support of integration into teaching, learning, and school operations.  LEA LRPT Correlates: I01	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director & Department	Support team consisting of 3.5 people. Daily log of Helpdesk Tech Requests received and completed.
4.1.7:	HelpDesk Support - Manages and maintains MV Helpdesk requests for other technical staff to support technology integration into teaching, learning, and school operations. Provides phone support for level one troubleshooting issues and	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director & Department	Support person manning HelpDesk every day, all day long.

	trriage for higher level support needs.  LEA LRPT Correlates: I01, I08, I09				
4.1.8:	Replace obsolete technology and infrastructure on a scheduled basis for maximum efficiency and use.  LEA LRPT Correlates: I01, I02, I07, I08, I09	State: Revised  Status: In Progress	2010-2011 & ongoing	Campus Principals Asst. Supt. of Finance & Operations Technology Director & Department	State-of-the-art networking hardware & PCs will be replaced as needed at all MVISD schools. Purchased equipment
4.1.9:	Yearly maintenance on all routing/switching equipment at schools  LEA LRPT Correlates: I07	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director & Department	SMARTnet maintenance agreements
4.1.10:	Quarterly maintenance on all copier/printer/scanners.  LEA LRPT Correlates: I07	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director & Department	IKON contract agreement
4.1.11:	Establish a wireless infrastructure (80211g - 54 Mbps), excluding Potranco campus, to support the wireless laptops and other devices being purchased by campuses and administrators.  LEA LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08, I09	State: Revised  Status: Planned	2010-2011 & ongoing	Technology Director & department	Wireless hubs and the ability to connect to the wireless network.

**OBJECTIVE 4.2:**

Provide local and long distance telephone service to schools and administrative offices

*Budget Amount \$74,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

NCLB Correlates: 03, 05, 06, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.1: Apply for e-rate funding to recoup 74% of money spent on local and long distance telephone service at schools within the District.  LEA LRPT Correlates: I01, I06, I08	State: Revised  Status: In Progress	2010-2011 & ongoing	Assistant Supt. of Operations, Technology Director	Receipt of funding.
4.2.2: Oversee local and long distance telephone service at administrative offices and schools within the district.  LEA LRPT Correlates: I01, I06, I08	State: Revised  Status: In Progress	2010-2011 & ongoing	Assistant Supt. of Operations, Technology Director	Customer feedback.

**OBJECTIVE 4.3:**

Provide Videoconferencing to Schools and Administrative Offices

*Budget Amount \$34,800.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01

NCLB Correlates: 03, 06, 08, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.3.1:	Provide videoconferencing at Administrative Offices and Schools within the District.  LEA LRPT Correlates: I01, I06, I08	State: Revised  Status: In Progress	2010-2011 & ongoing Implemented at High school 2004 Implemented at Castroville Elementary 2006	Assistant Supt. of C&I, Technology Director, Region 20	Region 20 netVision20 contract
4.3.2:	Oversee videoconferencing at Administrative Offices and Schools within the District.  LEA LRPT Correlates: I01, I06, I08	State: Revised  Status: In Progress	2010-2011 & ongoing	Assistant Supt. of C&I, Technology Director	Customer feedback & usage.

**OBJECTIVE 4.4:**

Provide continued support for hardware, software and Operating Systems for online and other applications

*Budget Amount \$150,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

NCLB Correlates: 03, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.4.1:	Oversee/maintain and/or manage current applications: iTCCS, GradeSpeed, MS Office 2007, MS Outlook, , MS Publisher, MS Access, MS InfoPath, TPRI, Pearson Benchmark & Inform, A/R, STAR, etc. Projected Applications: Kidspiration, Inspiration  LEA LRPT Correlates: I07, I09	State: Revised  Status: In Progress	2010-2011 & ongoing	Asst. Supt. of Operations Technology Director and Department	Operational and application statistical reports, system and error logs
4.4.2:	Oversee implementation of Fast ForWord program across the district  Comments: Phase II: Middle School & High School  LEA LRPT Correlates: I05, I09	State: Revised  Status: Completed	2008-2009 2008 - Implemented Phase 1: Elementary Campuses 2009 - Implemented Phase 2: Secondary Campuses	Asst. Supt of C, I & A; Campus Reading Specialists, CITs, Technology Director and Department	Use and statistics of Fast ForWord.

**OBJECTIVE 4.5:**

Manage, maintain and support District Webpages

*Budget Amount \$15,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

NCLB Correlates: 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.5.1:	Manage and maintain department and campus webpages	State: Revised	2010-2011 & ongoing	Technology Director and Department	Email feedback

	LEA LRPT Correlates: I01, I03, I06, I08	Status: In Progress			
4.5.2:	Manage and maintain Web server and Intranet server  LEA LRPT Correlates: I01, I03, I05, I06, I08, I09	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director and Department	Email feedback
4.5.3:	Evaluate systems to develop teacher webpages that will integrate with current system.  LEA LRPT Correlates: I01, I03, I05, I06, I08, I09	State: Original  Status: Completed	2008-2009	Technology Director & Department	Training in and use of webpage design software. Uploaded webpages available to community, parents and students.

**OBJECTIVE 4.6:**

Provide and maintain District Internet access

*Budget Amount \$36,000.00*

*LRPT category: Infrastructure for Technology*

E-Rate Correlates: ER01

NCLB Correlates: 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.6.1:	Continued monitoring and maintenance of Servers and equipment associated with the District Internet access, including firewall. Internet supports applications: Pentamation, A+, PEIMS, iTCCS, GradeSpeed, TPRI, CSCOPE, Education Appreciation, Pearson Benchmark, Pearson Inform, etc.  LEA LRPT Correlates: I01, I05, I09	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director and Department	System Reports Email feedback Tech Requests
4.6.2:	Manage and maintain IronPort/8e6 as the Content & SPAM filtering and internet tracking software aligned to district, NCLB and state standards, especially Children's Internet Protection Act (CIPA).  LEA LRPT Correlates: I01	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director and Department	Email feedback, System Reports, Tech Requests
4.6.3:	Manage and maintain virus filtering software (Symantec)  LEA LRPT Correlates: I01, I03, I05, I06	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director and Department	Email feedback, System Reports Licensing/Contract
4.6.4:	Manage and maintain DNS & DHCP servers  LEA LRPT Correlates: I01, I06	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director and Department	System Reports

**OBJECTIVE 4.7:**

Ensure all technology based instructional projects are communicated to and coordinated with administrative level stakeholders to overcome obstacles and guarantee success

*Budget Amount \$30,000.00*

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01  
NCLB Correlates: 03, 05

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.7.1:	Track and oversee the implementation of district approved instructional plans involving new technology and automation of current processes  LEA LRPT Correlates: I09	State: Revised  Status: In Progress	2010-2011 & ongoing	Technology Director and Department	Meeting project goals and timelines
4.7.2:	Oversee procurement process for instructional technology purchases in excess of \$300  LEA LRPT Correlates: I09	State: Revised  Status: In Progress	2010-2011 & ongoing	Assistant Supt. of Operations, Technology Director and Department	Procurement process

**OBJECTIVE 4.8:**

Oversee technology purchases and ensure alignment with District goals.

Budget Amount \$24,000.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01  
NCLB Correlates: 03, 05

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.8.1:	Screen and approve all requests for hardware and software  LEA LRPT Correlates: I09	State: Revised  Status: In Progress	2010-2011 & ongoing	Assistant Supt. of Operations, Technology Director	Purchase order logs
4.8.2:	Assure that all purchases are aligned with the appropriate Campus Improvement Plan and the District ePlan.  LEA LRPT Correlates: I09	State: Revised  Status: In Progress	2010-2011 & ongoing	Assistant Supt. of C & I, Technology Director & Department, Campus Principals, Technology Committee, DWAC and CPOC	Alignment check with the ePlan
4.8.3:	Oversee technology procurement and ensure that equipment purchased meets MVISD standards for hardware specifications and for service and support.  LEA LRPT Correlates: I09	State: Revised  Status: In Progress	2010-2011 & ongoing	Assistant Supt. of Operations, Technology Director and Department	MVISD hardware standards and scope of work for computer equipment

**OBJECTIVE 4.9:**

Each and every student will have access to an instructional computer.

Budget Amount \$541,102.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01  
NCLB Correlates: 02, 03, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
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4.9.1:	Provide capability for access to wireless connectivity in the schools.  LEA LRPT Correlates: I01, I03, I04, I05, I06, I07, I08, I09	State: Revised  Status: Planned	2010-2011	Assistant Supt. of Operations, Technology Director and Department	Fixed assets project & tracking
4.9.2:	Investigate asset recovery and tracking software for use in technology and other inventories.  LEA LRPT Correlates: I07	State: Revised  Status: Planned	2010-2011 & ongoing	Assistant Supt. of Operations, Technology Director and Department Finance Manager Instructional Technology Committee	Research Email & other communications Trial & Test Usage

**OBJECTIVE 4.10:**

Ensure a viable technology plan is written and approved prior to applying for the federal E-Rate discount program.

*Budget Amount \$8,250.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates: ER01

NCLB Correlates: 06, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.10.1: Technology plan is written and approved prior to applying for the federal E-Rate discount program.  LEA LRPT Correlates: LAS04, LAS09	State: Original  Status: In Progress	2010-2011 & ongoing	Technology Director and Instructional Technology Committee	ePlan minutes of monthly technology committee meetings

## Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$4,730.00

Method of application for formula funds: Local Application

<b>Budget year 2010</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$79,250.00	\$2000, Title II, Part D; 90% Local; 9.5% State Technology; .5% NCLB
Telecommunications & Internet Access	\$680,102.00	75% E-Rate, 25% Local
Materials & Supplies	\$134,525.00	Local
Equipment	\$190,000.00	97% Local; 1% State Technology; 2% E-Rate
Maintenance	\$195,255.00	75% E-Rate, 25% Local; or 100% Local
Miscellaneous Expenses	\$26,610.00	Local
<b>Total</b>	<b>\$1,305,742.00</b>	

## Evaluation

**Evaluation Process:**

Evaluation Process:

Evaluation of the Technology Plan will be a systematic ongoing process. All aspects of the Plan will be evaluated formally twice each year in November and February.

The District Instructional Technology Committee will be responsible for the ongoing evaluation of this plan. The intention of the evaluation will be to make recommendations for the improvement of the plan as it impacts student achievement. A report will be presented to the Assistant Superintendent of Curriculum and Instruction after each formal evaluation occurs.

Medina Valley ISD's STaR Chart and SimpleAssessment results for each campus will be used to help Medina Valley ISD assess and evaluate its progress toward meeting the goals of the technology plan. Findings will be shared with principals, and distributed at leadership meetings and at District Technology Meetings.

Methods used for evaluation will include:

- Documented communication among teachers and the Campus Instructional Technologist in regards to use of technology in the classroom.
- Records of staff member participation in technology training monitored by sign-in sheets and teacher professional development records to be stored with campus administrator.
- Integration of technology into the classroom as measured by
  - lesson plans
  - number and type of technology and distance learning projects
  - evaluation of student products and projects
- Monitoring and documentation of community/parent access to technology resources and information on the campuses and on the web site.
- Monitoring and documentation of community/parent involvement
- Yearly inventory of hardware and software
- Support and maintenance of technology as documented by technical support records

#### **Evaluation Method:**

Medina Valley ISD's STaR Chart and SimpleAssessment results for each campus will be used to help Medina Valley ISD evaluate its progress toward meeting the goals of the technology plan.

Methods used for evaluation will include:

- Technology Surveys of the staff conducted yearly in regards to their use of technology in the classroom will be measured against established benchmarks.
- Documented communication among teachers and the Campus Instructional Technologist in regards to use of technology in the classroom.
- Records of staff member participation in technology training monitored by sign-in sheets and teacher professional development records to be stored with campus administrator.
- Integration of technology into the classroom as measured by
  - lesson plans
  - number and type of technology and distance learning projects
  - evaluation of student products and projects
- Monitoring and documentation of community/parent access to technology resources and information on the campuses and on the web site.
- Monitoring and documentation of community/parent involvement
- Yearly inventory of hardware and software
- Support and maintenance of technology as documented by technical support records

Student performance data (e.g. TAKS, TPRI, SimpleAssessment data), attitudinal measures, or other indicators will provide information on the long-term impact of the incorporation of technology in teaching and student learning.

## **Appendix**

#### **Attachment item A:**

This MVISD intranet ePlan page has links to the MVISD network configuration, etc.

- Web site: <http://intranet/technology/eplan.htm>

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MEDINA VALLEY ISD does not discriminate on the basis of sex, disability, race, color, age, or national origin in its educational programs, activities, or employment as required by Title IX, Section 504 and Title VI.