ODEM-EDROY ISD
Technology Plan

2012 - 2015

LISA GONZALES

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 2
City, State Zip ODEM, TX 783700727
Phone (361) 368-8121
Fax (361) 368-2879
County District Number 205905

Number of Campuses	3
Total Student Enrollment	1083
District Size	1,000 - 1,599
Percent Econ. Disadvantaged	54.53%

Technology Expenditures		$1,509,580.00
Technology budgets reported in plan by category	Teaching and Learning Budget	$580,500.00
	Educator Preparation and Development Budget	$209,400.00
	Leadership, Administration and Support Budget	$160,540.00
	Infrastructure for Technology Budget	$559,140.00
	Total:	**$1,509,580.00**
Technology Expenditure Per Pupil	$1,393.89	
Number of Campuses with Direct Connection to Internet	3	
Percentage of Campuses with Direct Connection to Internet	100.00%	
Number of Classrooms with Direct Connection to Internet	91	
Percentage of Classrooms with Direct Connection to Internet	100.00%	
Computer/Student Ratio	1 student(s) for every computer	
Computer/Teacher Ratio	1 teacher(s) for every computer	
Number of campuses that need to complete the Texas Campus STaR Chart	3	
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %	
CIPA Compliance	CIPA compliance was certified by tghe district on 05/16/2012. A public hearing in conjunction with the Odem-Edroy School board was held to discuss the Technology Resource Policy. Each year all users review and sign a copy of the Technology Resource Policy. During the year programs, speakers and counselors are used during the year to educate students on appropriate use of technology including but not limitied to bullying and proper ettiquette when in public network places. A new Responsible Use of Technology policy will be adopted by the school board after a public hearing before the start of the 2012-2013 school	

year.

Plan Introduction

Plan status:	approved
Years Included in the Plan:	2012 - 2015
Number of years covered by the plan:	3
Years Approved for the Plan:	2012 - 2015
Number of approved years:	3

Does the district file E-Rate? yes

The district had a "written" plan before E-Rate Form 470 was filed on .

Technology Planning Committee
Lisa Gonzales, Superintendent
Ron Squires , Technology Director
David Soto, Technician
Johnny Johnson , Business Manager
Judy Bruning, Curriculum Director
Brian Roberts , High School Principal
Rosa Linda Silva, Junior High Principal
Jim Brannigan , Elementary Principal
Steven Rash , Junior High Teacher
Maria Curren, High School Teacher
, Elementary Teacher
, Junior High Student
, Junior High Student
, Junior High Student
, High School Student
, High School Student
, High School Student

Executive Summary

Odem-Edroy ISD a small school district located north of Corpus Christi in San Patricio County. The largest industry in the district is agriculture and the largest single employer is the school district. We are historically a property poor school district as most of our property is involved in single family homes and agriculture. Our district has seen a recent increase in value due to energy including Wind and Oil. Through the management of grants and local funds, Odem-Edroy has built a solid enterprise technology infrastructure.

Our district maintains over 900 computing devices for student use and all teachers have use of a computer. Included in our count are seven computer labs spread out over the 3 campuses. We have worked on a one to one initiative at the Junior High campus; however, with the current staffing and budget cuts we have changed to a check out system for laptops for class or individual student use.

Our wireless infrastructure allows for wireless access within all buildings and many common areas. We currently support 2 wireless networks, one for district domain devices and another for individual or personal devices. For security reasons we have a different ISP for our public network. We have an emerging wireless project that we envision will encompass the entire district and with possible collaborations with City and county officials that may provide secure wireless connectivity to our students' home.

We currently utilize video conferencing for teacher training as well as classroom instruction. Each campus has a video conference unit and we have two older models that are used for teacher training.

Odem-Edroy hosts its own Internet presence and we provide parents of our students' access to school information through the Internet. We host our library web server, Renaissance Server for Elementary and A+ Learning service for our High School. We also utilize outside resources including SRA Opencourt Reading, Techknowledge and Discovery Education. With the push to more outside resources including the use of C-Scope, we have increased our bandwidth and moved to a more scalable service.

Although our network is mature, we are experiencing problems within our system that we will be continually addressing including continuing training for staff, implementation of new technologies to enhance the education of our students and the implementation of a more rigorous technology education program within our school.

Needs Assessment

Assessment Process:
To determine the technology needs of Odem-Edroy Independent School District (OEISD) deploys at least one of the following methods of surveying its participants: Star Chart information from the campus and teachers, locally developed questionnaires, email,service logs and technology requests. To assess student technology skills OEISD uses an electronic tool that will assess grade appropriate technology skills based on the Nation Educational Technology Standards as well as student projects throughout the year. Along with these methods, electronic information (logs and scripts gather information computer use trends, inventory and network use) and technology audits from outside sources are used. All information is presented to the Technology Committee and may be presented to the Site Based Committee and the school board.

Existing Conditions:
OEISD is situated in San Patricio County approximately 24 miles from Corpus Christi. Agriculture is the largest industry in the district; however, most parents work in various industries in and around Corpus Christi. The student population is around 1100 with approximately 52% being identified as economically disadvantaged.

Our classes are equipped with a minimum of four student workstations and a teacher computer along with a digital projector and document camera. There are currently six computer labs located throughout the three campuses and one mobile computer lab on each campus. With the four workstations per classroom, six computer labs and 3 mobile computer labs, OEISD has a 1:1 student to computer ratio.

The district maintains its own network services including CIPA monitoring and filtering. We are currently utilizing direct 20 Mbps access the Internet with both video and data. Our network supports 1 Gpbs connection to the desktop, 1 Gbps fiber connecting all closet switches to campus main switch closets and 10 Gbps fiber between campuses and main switch room. We have implemented a centralized secure wireless network for all rooms at all campuses.

Servers at OEISD run Windows 2008, Windows 2003, Free BSD and other Unix operating systems. To maximize server use, we have 5 servers that are virtual host. OEISD provides Microsoft Office for productivity software to all computers. OEISD hosts our own web site, library, email, file and print servers. We maintain software and hardware to support Student and Financial software for PEIMS reporting. Each campus provides additional software for educational-content including Renaissance Place and A+ Learning. Along with locally housed and supported software, OEISD purchases annual subscriptions to web based learning programs and curriculum.

For the most part software training is done in house with additional training when need by software and hardware vendors.

Technology Needs:
Assessments indicate areas of concern which include student technology awareness; teacher technology aptitude and application of technology for instructional purposes; furthermore, the infrastructure will need to be continually upgraded.
To effectively address these concerns we will need to:
• offer more technology staff development on our technology systems;
• provide training on new and updated software;
• implement a technology curriculum that will improve our students' use of technology for critical thinking, problem solving and decision making while making them better digital citizens;
• develop a testing program for software that will be acceptable for the education process;
• work with the Curriculum Director and Principals on software selection;
• maintain software support list; provide improved network security though firewalls, anti-malware and intrusion detection hardware and software;
• improve mail filter and improve content filtering software;
• replace network servers, switches, printers and computers in a timely manner and dispose of the older equipment in a ecological manner;
• provide staff training for technology staff and require industry standard certification for all technology staff; contract network services as required;
• increase staff to handle additional computers and services as required;
• expand current infrastructure to include a larger wireless network, increased bandwidth within the network ;
• add redundancy to minimize down time;
• upgrade electrical infrastructure as required to handle addition loads;
• maintain or increase the current Internet connection bandwidth based on need;
• incorporate the use of electronic systems to monitor student safety at school and on trips.

Goals, Objectives, and Strategies

GOAL 1: Odem-Edroy Independent School District is committed to use technology to improve student performance

OBJECTIVE 1.1:

Students will be provided with an email account and provided access through web based productivity software to be available at school and home.

Budget Amount $900.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 05, 06, 08, 09, 12

Strategies	*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
1.1.1: Students will be set up for monitored web based email that will be available from home. Comments: Currently we are using Microsoft live@edu as the provider. LEA LRPT Correlates: TL01, TL03, TL04, TL05, TL06, TL08, TL12	State: Original Status: In Progress	Upon enrollment	Technology Staff	Email logs, account information
1.1.2: Students will be provided with access to web 2.0 applications including productivity software such as word processor and spreadsheet that will accessible anywhere and will allow storage and sharing of products. Comments: Currently we are using Microsoft Live@edu. LEA LRPT Correlates: EP01, EP03, I01, I02, TL01, TL02, TL03, TL04, TL05, TL06, TL15, TL16	State: Original Status: Planned	Upon enrollment	Technology Staff	Enrollment logs

OBJECTIVE 1.2:

All students will effectively use technology to produce grade appropriate technology projects using computers, electronic presentation software and other appropriate equipment and software annually.

Budget Amount $23,850.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 03, 06, 07, 09

Strategies	*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
1.2.1: focus technology utilization on student success; based on needs, research, proven teaching and learning principles Comments: This will include network use, supported software and acceptable use policies LEA LRPT Correlates: LAS01, LAS04, LAS05	State: Original Status: In Progress	monthly	Principals Curriculum Director Site Based Committees	Campus and District improvement plans will contain technology recommendations.
1.2.2: Campus and District Improvement plans will addresses Technology Application TEKS and higher order teaching and learning LEA LRPT Correlates: TL01, TL05, TL07, TL11	State: Original Status: In Progress	annually	Principals Curriculum Director Site Based Committees	Campus and District Improvement plans
1.2.3: Junior High School students will pass a	State:	Prior to obtaining user	Technology Staff will be	Testing data; network

		State/Status	Timeline	Person(s) Responsible	Evidence
	basic technology skills test prior to advancing to high school. Comments: This exam may be a post test developed along with online curriculum. Further training requirments may be placed on the user during the year based on the results of the test. All students at the junior high have passed the basic skills test or have attended a summer camp to make up for their discrepancies LEA LRPT Correlates:	Original Status: In Progress	account and annually at the beginning of the school year or employment.	responsible for managing user accounts and verifying compliance. Principals will set up testing times for staff and determine where technology remediation should occur	policy and acceptable use policy statements.
1.2.4:	All students in grades 5 -12 will produce and present integrated technology activities from all core subjects for a minimum of 3 per year. Comments: Electronic lesson plans will be used to help track use of technology in lessons. Presentations can be within classroom, for the campus or in another public forum including web pages. LEA LRPT Correlates: TL01, TL05, TL11	State: Original Status: In Progress	Projects presented during each semester	Curriculum Director Principals Teachers	Lesson Plans Presentations
1.2.5:	Curriculum will be implemented to integrate technology into classroom including topics on cyber-citizenship. LEA LRPT Correlates:	State: Original Status: Planned	Annually	Curriculum Director Principals	Lesson plans and tests
1.2.6:	Elementary students will be provided with a minimum of 1 hour per week of computer training in the computer lab. LEA LRPT Correlates: TL06, TL09, TL11	State: Original Status: In Progress	daily	Principals Teachers Students	student products

OBJECTIVE 1.3:

Campuses will incorporate research based technology to improve student performance and technology skills.

Budget Amount $49,500.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 04a, 05, 06, 07, 08, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
1.3.1:	Campuses will provided locally hosted software and curriculum. Comments: Programs will include Anywhere learning, Ignite, Follet Library and others LEA LRPT Correlates: TL01, TL04, TL05, TL06, TL07, TL08, TL11, TL15, TL16	State: Revised Status: In Progress	bi-annually as required for student enrollment	Counselors Principals Curriculum Director Technology Director	enrollment in classes student grades
1.3.2:	each campus will provide video distance learning capabilities used for regular classes and virtual field trips etc.. LEA LRPT Correlates: LAS04, LAS05, TL06, TL08, TL09, TL15, TL16	State: Original Status: In Progress	annually	Counselors Principals Curriculum Director Technology Director	enrollment in classes number of virtual field trips
1.3.3:	Campuses will get subscription for Internet currciculum and content. Comments: These programs will include Apangea Discovery Education and other similar resources.	State: Original Status: In Progress	daily	Technology Department Counselors Principals Curriculum Director Technology Director	Purchase order , program logs

	LEA LRPT Correlates: I02, TL08, TL15, TL16				
1.3.4:	The district will promote free educational and productivity resources for students and teachers. Comments: Free resources will include web sites such as Khan Academy; software such as Movie Maker and GIMP as well as other software and web resources. LEA LRPT Correlates: I02	State: Original Status: In Progress	daily	Technology Deaprtment Teachers	emails, web site, training sign in.

OBJECTIVE 1.4:

Technology including web-pages,e-mail, telphones, automated dialing system and other technology will be used to communicate information to the parents and students on a daily basis. This information can include homework, lesson plans, attendance and general information.

Budget Amount $121,050.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 03, 06, 09, 10, 11, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
1.4.1:	District maintain the most cost effective telephone services. LEA LRPT Correlates: EP09, LAS10, LAS11, TL06	State: Original Status: In Progress	Daily	All employees	Bills, fax logs, phone logs
1.4.2:	The District will maintain a web page that contains current information that is useful to the community Comments: The district will continue to utilize the Web based activity calendar. LEA LRPT Correlates: EP09, LAS03, LAS04, LAS05	State: Original Status: In Progress	daily	Webmasters Principals Teachers Students	Up to date web page with information changed monthly. web counters
1.4.3:	The District will continue to utilize an automated messaging system for absenteeism notification and district wide information and will seek a provider for faster notification. Comments: Daily logs of calls completed will be kept for a year for evaluation. Student phone numbers will be verified and changes made by PEIMS coordinators LEA LRPT Correlates: I02, LAS02, LAS03, LAS04, LAS05, TL09	State: Original Status: In Progress	Daily, special events	Technology Department PEIMS coordinators all teachers and administrators	Phone logs by device
1.4.4:	The District will maintain an email system and will maintain archives of email for a period of at least 1 year. Comments: Student e-Mail is for in district use only. LEA LRPT Correlates: I02, I08, I09, LAS01, LAS02, LAS03, LAS04, LAS05, TL06, TL09	State: Original Status: In Progress	Maintenance of system including spam and virus updates daily. Archives removed from server annually	Technology Director	Email services available and accessible by students and teachers. Log files as maintained by the e-mail server
1.4.5:	The district will provide secure web based access for parents to access grades and attendance information for their children. Comments: Parents may request access to their children's grades and attendance.	State: Original Status: Completed	Complete application implementation Augst 2007	Superintendent Technology Director Parents	page available letters generated logs of site access

	Parents providing an email address will begin to receive notification of student attendance LEA LRPT Correlates: EP03, I01, I03, I05, LAS01, LAS05, LAS07, LAS08, LAS09, LAS10, LAS11				
1.4.6:	District will examine the cost effectiveness of a Voice over IP phone system to replace the current digital pbx sysyem in place. LEA LRPT Correlates: I01, I02, I03, I05, I07	State: Original Status: Planned	project will be reviewed annually.	Technology Director Business Manager Superintendent	Annual review, quotes and maintenance requests.

GOAL 2: Odem-Edroy Independent School District is committed to use technology to improve student, teacher and community knowledge of all technologies

OBJECTIVE 2.1:

All educators will be proficient in technology and use technology in educating students

Budget Amount $2,100.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 06, 07, 08

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.1.1: All teachers will meet SBEC proficiencies and implement in the classroom LEA LRPT Correlates: EP01, EP03, EP05, EP06, EP07, EP08, EP09, I01, I02, I06, I07, I08, LAS01, LAS02, LAS05, LAS10, LAS12, TL01, TL05, TL06, TL10, TL11, TL14	State: Original Status: In Progress	Evaluation completed annually at beginning of the year Appropriate training offered monthly	Superintendent Principals Curriculum Director Teachers	Teacher Created Projects Lesson Plans Proficiency Tests Training sign in sheets
2.1.2: Provide professional on-going Technology based Staff Development for appropriate technology usage. Comments: Along with our annual pre-school training, various workshops were held for software packages utilized in classes. Curriculum-Technology Specialist performed in class instruction to improve teacher skills. LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP07, EP08, EP09, I01, I02, I06, I07, LAS01, LAS02, LAS05, TL01, TL04, TL05, TL10, TL11, TL14	State: Revised Status: In Progress	annually	Curriculum Director Technology Specialist Teachers and Staff SBDM Committee (Campus and District)	Enrollment in workshops Lesson Plans Teacher Created Projects
2.1.3: Teachers will create/implement at least one technology project for each semester LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP07, EP09, I01, I02, I06, I07, TL01, TL04, TL05, TL06, TL07, TL10, TL11, TL12, TL14	State: Original Status: In Progress	annually	Curriculum Director Technology Specialist Technology Director Principals Teachers	Lesson Plans Projects
2.1.4: Teachers will utilize online curriculum provided through the Microsoft School agreement for training on Microsoft products. Comments: The district gives a laptop to each teacher completing the Microsoft Office 2008 training. LEA LRPT Correlates:	State: Original Status: In Progress	Beginning January 2009 and continuing to Sept 2009	Teachers, Administrators and Office Staff will be responsibile for taking 2 online classes Principals will be responsibile for assigning online curriculum based on needs of their staff Technology Director & Curriculum Director will be resonsible for monitoring records.	Completion records provided by application

OBJECTIVE 2.2:

Teachers will be provided with training and support to integrate appropriate technologies to maximize learning and increase TAKS scores to 95% to 100% in all subjects and grade levels.

Budget Amount $2,100.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 07, 08, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.2.1: integrate web based programs,network	State:	annually	Principals	Increase in State and

		State/Status	Timeline	Person(s) Responsible	Evidence
	software and hardware based on proven educational value including Academy of Reading, TechKnowledge, whiteboards and wireless access. LEA LRPT Correlates: EP05, EP06, EP09, I01, I06, I07, LAS01, LAS02, TL01, TL02, TL05, TL06, TL07, TL08, TL10, TL12, TL14	Original Status: In Progress		Curriculum Director Principals Teachers Technology Specialist	Standardized Test Scores
2.2.2:	Implement online courseware and training program to train teachers on implementation of software and hardware into the curriculum LEA LRPT Correlates:	State: Original Status: In Progress	Annually	Technology and Curriculum Director will negotiate the procedures.	Application in place and employee certification of completion
2.2.3:	technology staff will provide "after-school" short courses on technology related topics Comments: Currently technology staff conducts a minimum of 1 after-school short course for teachers each month. A student organization has been established at the Junior High School to promote technology uses through projects. LEA LRPT Correlates:	State: Original Status: In Progress	Monthly	Campus technology staff will be responsible for developing topics for the training based on teacher input. Technology Director will provide record of classes and attendance to campus principals and curriculum direcotor.	Training Schedules and Sign in sheets

OBJECTIVE 2.3:

Teachers will utilize appropriate technology provided to enhance instruction.

Budget Amount $115,200.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 05

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
2.3.1:	Appropriate instructional delivery software and hardware will be provided each classroom teacher to engage students and enhance learning. LEA LRPT Correlates: EP05, EP08, I01	State: Original Status: Planned	Annually purchase hardware and software Monthly review of needs	Curriculum Director Technology Director Principals Superintendnet	Classroom inventories will include equipment including document cameras, digital projectors and other equipment
2.3.2:	Each campus will provide a minimum of 5 hours technology training annually. LEA LRPT Correlates: EP03, EP05, EP06, EP08, EP09	State: Original Status: Planned	Monthly aftershool training	Principal, Curriculum, Superintendent	Sign in sheet Certificate of completion

GOAL 3: Odem-Edroy Independent School District is committed to use technology to improve efficiency of administrative functions.

OBJECTIVE 3.1:

All administrators will use technology including electronic student management software and test disaggregation software for planning and decision making.

Budget Amount $148,440.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02
NCLB Correlates: 02, 03, 05, 07, 08, 11, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
3.1.1:	continue to use EDP for PEIMS data collection utilize locally developed web programs for evaluation LEA LRPT Correlates:	State: Original Status: In Progress	Annually	Business manager Technology Director PEIMS coordinators	Web counters on access of information Daily attenance Weekly grade reporting Successful submission of PEIMS
3.1.2:	Continue using automated call center for absentee calls and general notifications. Assign duty of setting up notifications to a single employee. Train users on approriate usage. LEA LRPT Correlates: EP03, LAS06	State: Original Status: In Progress	Daily,Annually	Technology Director Principals PEIMS Coordinators	Call logs of the system
3.1.3:	Software, state data and on-site staff training will be provided to curriculum directors, principals and teachers for disaggregation of test data. Comments: software currently purchased and teacher and administrators have been trained. LEA LRPT Correlates: EP01, EP03, LAS01	State: Revised Status: In Progress	annual	curriculum director	Teacher and Principal run reports

OBJECTIVE 3.2:

Provide adequate funding through local, state and federal government support as well as other support of non-govenemental agencies to provide 100% of this plan.

Budget Amount $2,100.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 09, 10, 11, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
3.2.1:	pursue outside funding sources from grants, donations, foundations and business partnerships LEA LRPT Correlates:	State: Original Status: In Progress	Annually	Grant Writer Business manager Technology Director Superintendent Principals Site Based Committees	Number/amount of grants will be adequate to make continued advancements in technology affordable to the district.
3.2.2:	fully utilize state and local technology funds LEA LRPT Correlates:	State: Original Status: In Progress	annually	Technology Director Business Manager Superintendent Principals Site based Committees Teachers/Staff	Budget utilized to meet the basic technology needs of the district..

OBJECTIVE 3.3:

Methods will be incorporated to improve campus security.

Budget Amount $10,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates:
NCLB Correlates: 02, 09, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.3.1:	investigate and deploy security management systems that may include video cameras in strategic locations that can be monitored at multiple locations Comments: Each campus presents a different challenge when providing security. The idea is that each campus will determine the needs and sophistication of a security monitoring system and deploy it based on their needs. LEA LRPT Correlates: EP03, I01, I03, I06, LAS07, LAS08	State: Original Status: Completed	January 2010	Superintendent Campus Principals Business Manager Technology Director	installation of services achieves
3.3.2:	Implement a phone system that takes advantage of newer technologies to monitor incoming phone calls. LEA LRPT Correlates:	State: Original Status: Planned	January 2010	Superintendent Technology Director Business Manager Telephone Coordinator	Phone logs
3.3.3:	All student Internet activities will be monitored and filtered. LEA LRPT Correlates:	State: Original Status: In Progress	Daily	Technology, Teachers, Principals, Parents	computer logs
3.3.4:	Anti-virus program will be install on each computer and definitions will be updated nightly LEA LRPT Correlates: I04, I05, I06, TL13	State: Original Status: In Progress	program loaded when joined to the domain. nightly updates	Technology Department	server logs

GOAL 4: Odem-Edroy Independent School District is committed to maintain technology equipment and services provided for the community.

OBJECTIVE 4.1:

Provide adequate computers to perform daily operations at all campuses and offices throughout the district.

Budget Amount $384,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 05, 07, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.1.1:	maintain current student to workstation ratio of 2:1 Comments: We will be increasing the number of computers in the district to 600. This will place our ratio of student computers 2:1 LEA LRPT Correlates: EP05, I01, I02, I04, I07, I08, I09, LAS01, LAS04	State: Original Status: In Progress	Annually	Principals Superintendent Technology Director Curriculum Director	Inventory of working computers compare to PEIMS student report
4.1.2:	replacement network components on a 5 year scheduled plan. LEA LRPT Correlates: I01, I02, I03, I04, I06, I07, I08, I09, LAS01, LAS04	State: Original Status: In Progress	annually with budget	Principals SBDM (Campus and District) Superintendent Technology Director	electronic inventory of working computers other equipment inventory
4.1.3:	maintain network computers and equipment as required prior to scheduled 5 year retirement. LEA LRPT Correlates: I01, I03, I04, I05, I06, I07, I08, I09	State: Original Status: In Progress	annually as needed	Technology Director Technicians Network Administrator	equipment inventory repair logs
4.1.4:	provide adequate technology to meet the needs of special education and vocational students LEA LRPT Correlates: I01, I02, I03, I06, I08, I09, TL01, TL03, TL04, TL11, TL12	State: Original Status: In Progress	annual as needed by evidence of ARD	Technology Director Vocational Instructional Staff Special Education Staff	appropriate and functional equipment accessible for students with special needs

OBJECTIVE 4.2:

Network equipment will be maintained to ensure high speed connections for wired and wireless devices.

Budget Amount $214,140.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01, ER02
NCLB Correlates: 02, 03, 05, 07, 08, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.2.1:	Upgrade district network infrasturcture to include gigabit to the desktop and 10 gigabit connections between campuses Comments: All computers that are being replaced now have gigabit network, it is only logical that we would take advantage of the newer technology by placing switches that meet the capacity. With th increase in network capability of the computers the core switching between campuses will need to be increased to meet the extra need.	State: Original Status: Completed	January 2010	Technology Director Business Managaer Contractors	Switches replaced and improved connectivity. New switches have been installed and functioning throught the district. All switched are now gigabit to the desktop.

		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	LEA LRPT Correlates: I01, I02, I03, I07, I08, LAS01, TL06				
4.2.2:	setup and maintain wireless zones for campuses and common areas. The system must separate the traffic produced by district maintained equipment and non-district maintained equipment so that users of non-district equipment can not access district resources Comments: Junior High campus wireless zone was completed 2005-2006 school year. Other areas to be completed as funding and expertise is available. LEA LRPT Correlates: I01, I02, I03, I04, I06, I07, I08, I09, LAS01, LAS03, LAS04, LAS05, LAS07, LAS09, LAS13, TL06, TL14	State: Original Status: Completed	All security devices in place and functioning by August 2008 Network personnel will be trained by December 2008 All wireless zones completed 2010	Technology Director Principals Superintendent School Board	Students will be able to work in zoned areas without restriction of network cables. Zones active according to logs. All equipment has been secured and all internal campus locations are covered. Over the next year we will be filling in unseen gaps and extending the wireless to cover all of our external campus locations.
4.2.3:	continue to provide high quality and reliable Internet Service. LEA LRPT Correlates: I01, I02, I03, I07, I08, I09, LAS01, LAS03, LAS04, LAS05, LAS07, TL06, TL09	State: Original Status: In Progress	Annually	Technology Director Business Manager Superintendent	Annual fees Connectivity to Internet II
4.2.4:	Maintain bandwidth to the Internet for data and video requirements of the district LEA LRPT Correlates: I01, I02, I03, I07, I08, I09, LAS01, LAS03, LAS04, LAS05, LAS07, TL06, TL09, TL15, TL16	State: Original Status: In Progress	Annually evaluate the current bandwidth Increase bandwidth as required	Technology Director Superintendent	move order and competed work order bandwidth monitoring
4.2.5:	Provide secondary access to the Internet as a backup and for community wireless access Comments: Due to the extended cost of operating a community wireless network this project was cancelled. LEA LRPT Correlates: I01, I03, I05	State: Original Status: Completed	November 2007 - equipment configured as firewalls and routers December 2007 - access ordered and installed January 2008 - Training for network technicians April 2008 - Secondary circuit completely functional	Superintendent Technology Director Network Administrator Technicians	Work Order Logs Certifications
4.2.6:	Provide safe, adequate and appropriate electrical service to technology equipment. LEA LRPT Correlates: I01, I04, I08, LAS14, LAS15	State: Original Status: In Progress	Safety and Electrical Inspections Monthly (Principals, Administrators) Electrical needs survey annual	All Staff Electricians and Engineers	Electricity accessible, functional and safe in all locations.
4.2.7:	The district will maintain printing equipment by contract services to reduce total cost of ownership. LEA LRPT Correlates:	State: Original Status: Planned	Annual	Business Manager Technology Director	Contract, printers functioning

OBJECTIVE 4.3:

Assist in community training for adult literacy including GED and ESL programs and After-schol programs.

Budget Amount $1,200.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 03, 06, 10

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
4.3.1:	Students will be provide use of computers for	State:	daily Monday through	teachers,	electronic computer logs

	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
instructional and educational after school hours. Comments: Additional software and staffing will be taken from other programs. Junior High School students have been provided with laptops. High School students may check out laptops or may utilize computers located in labs that remain open until 7:00 PM. LEA LRPT Correlates:	Original Status: In Progress	Friday starting in September and running through May annually.	principals, technology department	

OBJECTIVE 4.4:

Staff will be employed to maintain the network with less than 12 hours down time per year and be able to respond to non-network issues in less than 4 hours

Budget Amount $345,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01, ER02
NCLB Correlates: 03, 05, 06, 12

Strategies	*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
4.4.1: Maintain a Certified District Technology Director that will monitor the network infrastructure, manage budget/inventory, plan technology and manage grants associated with technology. The Technology Director should maintain Technology Industry Standard Certification. LEA LRPT Correlates: EP04, EP05, EP08, EP09, I01, I02, I07, I08, LAS01, LAS02, LAS03, LAS04, LAS05, LAS07, LAS14, LAS15, TL05, TL10, TL13, TL14	State: Original Status: In Progress	Annual	Superintendent School Board	Employment record Multi-year contract Certifications
4.4.2: Employ a Certified Network Administrator to manage and monitor network resources. LEA LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08, I09	State: Original Status: Completed	Annual	Superintendent Technology Director Business manager Principals	Employment record Certifications
4.4.3: A computer technican will be employed to troubleshoot computers, assist in program setup and maintain technology for all campuses. LEA LRPT Correlates: I04, I05	State: Original Status: In Progress	Annual	Technology Director Principals Superintendent Business Manager	Employment records Technology Request logs Certification Records
4.4.4: The district will seek assistance in monitoring, troubleshooting and/or maintaining technology from outside sources. Comments: In November 2007, Odem-Edroy ISD as part of the SanPatricio County Technology Consortium received a Rural Utilities Development (RUD) Grant from the U.S. Department of Agriculture. Odem-Edory's share is $44,924 LEA LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08, I09	State: Original Status: Planned	Computer clean and tune up Annually scheduled by campus Network evaluations annually Monitoring and troubleshooting as required	Technology Director	Maintenance logs Evaluation reports Troubletickets E-mail

OBJECTIVE 4.5:

Staff will be employed to assist in training and technology implementation.

Budget Amount $90,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 04a, 04b

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.5.1:	The District will hire a technology integration specialist to train teachers on use of new technologies LEA LRPT Correlates:	State: Original Status: Planned	New hire by end of year 1	superintendent curriculum director technology director	employee

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: $0.00

Method of application for formula funds: Local Application

Budget year 2012

Budget item	Cost	Funding Sources with amount per source
Staff Development	$32,100.00	90% Texas Literacy Grant 10% Local
Telecommunications & Internet Access	$38,650.00	80% Erate 20% Local
Materials & Supplies	$77,030.00	63% Local 20% Texas Literacy 10% Title I 3% Special Education 2% Career & Technology 2% USDA
Equipment	$149,880.00	30% Local 70% Project Literacy
Maintenance	$139,000.00	100% Local
Miscellaneous Expenses	$700.00	100% Local
Total	$437,360.00	

Budget year 2013

Budget item	Cost	Funding Sources with amount per source
Staff Development	$32,100.00	90% Texas Literacy Grant 10% Local
Telecommunications & Internet Access	$38,650.00	80% Erate 20% Local
Materials & Supplies	$77,030.00	$400 Program Costs GED $29000 EDPro $11700 SIS $4400 DMAC $4000 Synrevoice $2280 Time Clock 63% Local 20% Texas Literacy 10% Title I 3% Special Education 2% Career & Technology 2% USDA
Equipment	$347,380.00	45% E-Rate 30% Project Literacy 25% Local
Maintenance	$139,000.00	100% Local
Miscellaneous Expenses	$700.00	100% Local
Total	$634,860.00	

Budget year 2014

Budget item	Cost	Funding Sources with amount per source
Staff Development	$32,100.00	90% Texas Literacy Grant 10% Local
Telecommunications & Internet Access	$38,650.00	80% Erate

		20% Local
Materials & Supplies	$77,030.00	63% Local 20% Texas Literacy 10% Title I 3% Special Education 2% Career & Technology 2% USDA
Equipment	$149,880.00	70% Local 30% Project Literacy
Maintenance	$139,000.00	100% Local
Miscellaneous Expenses	$700.00	100% Local
Total	$437,360.00	

Evaluation

Evaluation Process:
Campus information will be gathered from sources including principal observations, student projects and annual electronic assessments of selected grade level skills by the campus principals. District information including mail logs, event logs, technology requests, training evaluations and monitoring information will be gathered by the technology staff. Teachers will be responsible for completing the Star Chart. The technology director will contract outside auditors to audit the network and technology operations. Information gathered from all sources may be presented to the Technology Committee for review. The Technology Committee will make recommendations for amending the strategies to meet the objectives.

Evaluation Method:
Information such as computer inventory, Internet Access, computer use trends and where available software use trends will be gathered by the Technology director on a monthly basis and the reports will be given to the Technology Committee and the District administrative team. Star Charts will be completed annually by campuses and teachers. Reports will be submitted to the Technology Director. Teacher lesson plans will be monitored for technology integration and state academic standard inclusion. A manner of testing the students on technology aptitude will be secured and the data from the test will be used to evaluate the effectiveness of technology curriculum. AEIS data will be used to determine academic achievement. Student and teacher projects will be presented to the Technology Committee. Timelines set for implementing new software, hardware or other digital strategies will be documented. All information presented to the technology committee will be kept on file with the school secretary.

Appendix

Attachment item A:
Acceptable Use Policy

- Web site: http://www.oeisd.org/policies/network/

Attachment item B:
E-Mail activity

- Web site: http://mail.oeisd.org/cgi-bin/mailgraph.cgi

Attachment item C:
Internet Usage

- Web site: http://mail.oeisd.org/sarg

ODEM-EDROY 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.