EDGEWOOD ISD
Technology Plan

2004 - 2005

RICHARD BOCANEGRA

SUPERINTENDENT

DISTRICT PROFILE

ESC Region   20
City, State Zip   SAN ANTONIO, TX 782371354
Phone   (210) 444-4500
Fax   (210) 444-4602
County District Number 015905

Number of Campuses	24
Total Student Enrollment	12893
District Size	10,000 - 24,999
Percent Econ. Disadvantaged	95.99%

Technology Expenditures		$19,871,754.00
Technology budgets reported in plan by category	Teaching and Learning Budget	$245,675.00
	Educator Preparation and Development Budget	$1,402,211.00
	Administration and Support Services Budget	$0.00
	Infrastructure for Technology Budget	$18,223,868.00
	Total:	**$19,871,754.00**
Technology Expenditure Per Pupil	$1,541.28	
Number of Campuses with Direct Connection to Internet	24	
Percentage of Campuses with Direct Connection to Internet	100.00%	
Number of Classrooms with Direct Connection to Internet	523	
Percentage of Classrooms with Direct Connection to Internet	100.00%	
Computer/Student Ratio	5 student(s) for every computer	
Computer/Teacher Ratio	2 teacher(s) for every computer	
Number of campuses that need to complete the Texas Campus STaR Chart	20	
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %	

Plan Introduction

Plan Last Edited 04/14/2004

Plan status:	approved
Years Included in the Plan:	2004 - 2005
Number of years covered by the plan:	1
Years Approved for the Plan:	2004 - 2005
Number of approved years:	1

Technology Planning Committee

Joel Siskovic, Raymond Sanders, Robin Cook, Rosemary Molina, Ron Foster, Ms. Olga Terrazas

Executive Summary

This Technology ePlan for Edgewood Independent School District updates and enhances our previous three-year plan, which was peer-reviewed and approved for three years by Region 20 and TEA. The ePlan incorporates many technology funding programs and new requirements into one consolidated plan which reflects more fully educational, instructional, staff developmental, and documents our initiatives in fulfilling the requirements of No Child Left Behind and E-Rate. Our Needs Assessment came from many areas and are listed in the plan, but specifically we incorporated requirements from the Texas StaR Chart, LoTi, the Texas Education Agency (TEA) Technology Plan Approval Form for Participants in Universal Service Fund E-Rate Discounts, the TEA Technology Plan Peer Review Form for Universal Service Fund E-Rate Discounts and the requirements from the Edgewood District Technology Committee.

We have incorporated the anticipated Levels of Progress from the STaR Chart, Edgewood ISD goals, budget, timelines, monitoring personnel, anticipated resources and diagrams of our current and future network infrastructure. This plan is a living document and will be periodically updated to match new requirements, funding resources and changes in technology.

This plan is driven by the integration of technology into the teaching and learning processes. We are using the robust technology architecture developed over the last three years under the E-Rate program and building our final component in our structured network: Convergence of voice, video, and data. We show the impact of the NCLB act on instruction and staff development as well as provide an accountability for each aspect referenced.

This ePlan establishes clear goals, observable and measurable products and evaluation materials and corresponding timelines for using telecommunications and information technology to equip our students with the information age tools necessary to achieve, both academically and in the marketplace. This is the first year for using this type of planning tool and it represents a very comprehensive view of how we are using technology in Edgewood ISD.

Needs Assessment

Assessment Process:
EISD uses the StaR Chart, LoTi Process, TEKS, Strategic Plan, past Three year Technology Plan, the Technology Committee, and Instructional Technology Teacher's Forum to develop our formal technology Needs Assessment. We also include input from the Principal's Meetings, District Education Improvement Committee (DEIC) Meetings, and Superintendent's Cabinet Meetings. Lastly, we meet at the Texas Regional Extension Service Center (Region 20) with regional Technology Coordinators and Directors to determine the technology out-year goals and strategies of the State of Texas, the Regions, and other like districts who share educational and instructional programs and projects for the near and far future. As we define our needs based on input from the previously mentioned areas, we coordinate our curriculum and instructional needs with our telecommunications and internal structure needs to support our district. In this manner, we built our physical technological structure in such a manner that our educational and instructional processes will be able to be instituted and be fully supported through our hardware, software, and training. We have used our Needs Assessment to create very strong foundation so that the physical aspects of technology would be in-place when our teachers and administrators were prepared to use them.

Edgewood is very careful in developing a Needs Analysis and Statement of Need in support of our infrastructure in order to make efficient use of our E-Rate programs and Texas State Grants (TIF, TIE, TARGET, and others). Our program ensured that the infrastructure was always installed and operating when the teachers and administrators began their new instructional initiatives.

Existing Conditions:
Following our Needs Assessment Process over the past years, we have fulfilled our goals on an incremental basis, building upon each year with a technology structure that both looks backwards as well as forward so that our infrastructure has no conflictions and grows upon an electronic foundation rather than having it pulled apart and reinstalled each year as newer systems are rolled out. We have merged our voice, data, and video systems into one, convergence, and therefore have gone to a switched network that delivers video to the desktop at 100 Mps and moves data at gigabyte speeds. We have tested voice over Internet Protocol at one campus and provide both distributed and distance learning to the desktop as another media for teachers to use, not as a book turning program. We are using both fixed room technology labs as well as distributed labs throughout the campus and supplement them with roll around laptop carts using wireless connectivity so the labs can move with the assignment or students as designed by the campus teachers. All classrooms have seven data drops and one voice drop as a basic standard configuration. Many classrooms have more based on needs analysis and curriculum requirements. Libraries and special training areas have more also depending on their requirements. Teachers have a telephone in their classroom so they can make and receive phone calls from parents and make use of voice messaging. Each campus has a video conferencing capability for point to point work as well as one to many broadcasting. We also participate in intra district and regional video lessons and training programs. Our technological foundation is in-place and provides for ample growth along with the needs and requirements of our curriculum and teaching staffs and programs.

Technology Needs:
Edgewood continues to grow technologically and with that growth we improve our current infrastructure. We are moving into Internet Protocol Telephony across the district making better use of our infrastructure switches and call directors. We are moving into more wireless technologies and plan to have twelve wireless access points per campus supplementing our fiber and copper networks. This move is due to the greater bandwidth offered under the new wireless specifications of 55 Mps. Wireless architectures will allow us to configure and reconfigure classrooms with supporting workstations and laptops without having to spend money in wiring the buildings. We are building on our current campus infrastructure adding to its fluidity and changing needs. With wireless access "hot zones" we will be adding new cards to our switches to enhance system security and better connectivity for district students and teachers. We will be wiring two new campuses that are being rebuilt under our bond issue. The E-Rate will allow for our technology portion to be leveraged under this next years request. We are moving into video streaming for both recurring training and staff development of employees as well as for the use of teachers for delivering instructional media to their students. All of these future requirements were identified by our needs assessment, analyzed, and put into our planning documents as projects. These projects have been included in our budgets and grant programs which meld with our district educational goals and programs. Our technology supports and supplements other instructional tools enhancing student learning. As textbooks now come with additional Compact Disks for the students to use in accessing the World Wide Web through the Internet, teachers and instructional specialists are making greater use of supplemental software programs to enhance our learners access to knowledge heretofore unavailable to them. We use our technology to allow our students and teachers to reach-out beyond the district's boundaries and reap the knowledge and experiences of the rest of the connected world. We empower our teachers with tools to transfer knowledge to their young learners and in doing so, instill their hunger for more knowledge which they seek on their own using the tools of technology.

Goals, Objectives, and Strategies

GOAL 1: Increase the use of multimedia devices and products in the content areas

OBJECTIVE 1.1:

At least 25% of teachers will use at least one form of multimedia in their classroom this year, such as: Digital Curriculum; Streaming video-on-demand service; Digital video or still cameras; Videos of best practices of integrating technology into teaching and learning; Video conferences; Electronic field trips

Budget Amount $16,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 03, 05, 07, 08, 11

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.1.1: Develop and employ an observational rubric to assess the use of multimedia devices and products in classrooms LEA LRPT Correlates: TL07, TL16, TL18	State: Original Status: Planned	School year 2004 - 2005	Instructional Technology Coordinator, Instructional Technology Specialist, Campus Technology Teacher	Copy of rubric, written observations made with the rubric
1.1.2: Develop and distribute a list of recommended electronic field trips for elementary, including minimum participation Comments: List will be avilable on intranet and district web LEA LRPT Correlates: TL01, TL07, TL16, TL18	State: Original Status: Planned	September 2004	Instructional Technology Specialist	List of recommendations, ESCXX field trip confirmations, web pages, hit counters
1.1.3: Increase the number of secondary schools offering digital journalism Comments: Experienced campuses will mentor campuses initiating this activity. Solicit business sponsors to support this process. Make products available to parents. LEA LRPT Correlates: TL01, TL04, TL05, TL06, TL07, TL15, TL19	State: Original Status: Planned	School year 2004 - 2005	Executive Director of Secondary Schools, Instructional Technology Specialist, Principal	Campus schedules, rubric-based class products
1.1.4: Increase the utilization of intranet webs for instruction by content area teachers LEA LRPT Correlates: TL08, TL15, TL18	State: Original Status: Planned	School year 2004 - 2005	Instructional Technology Coordinator, Instructional Technology Specialist, Campus Technology Teacher	Number of webs, web rubrics
1.1.5: Continue subscription to Netvision 20 LEA LRPT Correlates: TL08, TL10, TL16, TL18	State: Original Status: Planned	School year 2004 - 2005	Director of Technology	Purchase order, subscribed service

GOAL 2: Students will increase their knowledge and skills

OBJECTIVE 2.1:

All K-8 students will develop or enhance their technology skills during this school year

Budget Amount $0.00
LRPT category: Teaching and Learning

E-Rate Correlates:
NCLB Correlates: 01, 05, 06, 11

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
2.1.1:	All K-3 students will develop or enhance keyboarding skills through the use of keyboarding programs and mini-keyboards Comments: Encourage competition activities LEA LRPT Correlates: I07, TL02, TL11, TL14, TL20	State: Original Status: Planned	Ongoing	Campus Technology Teacher, Classroom teacher	Progress reports generated by keyboarding programs
2.1.2:	Monitor and record all 4 - 8 students' keyboarding progress LEA LRPT Correlates: I07, TL04, TL11, TL14, TL20	State: Original Status: Planned	Ongoing	Campus technology teacher, classroom teachers, lab managers	Progress reports generated by keyboarding programs
2.1.3:	Develop and implement a performance-based instrument to assess sixth grade students' technology knowledge and skills Comments: Instrument will align with Technology Application TEKS and District Benchmarks. Results will guide future decisions. LEA LRPT Correlates: AS02, TL02, TL11, TL12, TL14	State: Original Status: Planned	Develop fall 2004, administer spring 2005	Instructional Technology Coordinator, Instructional Technology Specialist, Campus Technology Teacher	Assessment instrument, assessment results

OBJECTIVE 2.2:

During this school year, students on selected campuses, grades 4 – 10, will develop technology skills, attitudes, and leadership skills to assist teachers in integrating technology across the curriculum by participating in the GenY, an innovative student mentoring program

Budget Amount $39,300.00
LRPT category: Teaching and Learning

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

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
2.2.1:	Develop and administer a pre and post survey of attitude, leadership and skill development for students in the	State: Original	Fall 2004, Spring 2005	TARGET Grant Director, Instructional Technology Coordinator, Campus	Pre and post surveys, survey results

		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	program Comments: Use survey results to evaluate the program's effectiveness and to guide future decisions LEA LRPT Correlates: AS02, TL02, TL12, TL14, TL15	Status: Planned		Technology Teachers	
2.2.2:	Develop and administer a pre and post survey of attitude, leadership and skill development for teachers in the program Comments: Use survey results to evaluate the program's effectiveness and to guide future decisions LEA LRPT Correlates: AS01, AS02, EP05, EP08, TL05, TL15, TL20	State: Original Status: Planned	Fall 2004, spring 2005	TARGET Grant Director, Instructional Technology Coordinator, Campus Technology Teachers	Pre and post surveys, survey results
2.2.3:	Students will develop products and presentations, participate in an online evaluation process, assist in making decisions as to the best technology tools for content objectives being addressed Comments: The GenY program is a research based project funded by the U. S. Department of Education. This is a pilot year for the program. LEA LRPT Correlates: EP04, TL02, TL06, TL07, TL08, TL15	State: Original Status: Planned	School year 2004 - 2005	TARGET Grant Director, Instructional Technology Coordinator, Campus Technology Teacher	Student products, presentations, online lesson plans and units, student enrollments, lists of partner teachers

OBJECTIVE 2.3:

During this school year, technology will assist in increasing students' TAKS scores through the use of core content enhancement

Budget Amount $0.00
LRPT category: Teaching and Learning

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.3.1:	Guided by district K-8 technology benchmarks, all elementary and middle school students will use technology to enhance the development of content knowledge LEA LRPT Correlates: TL01, TL02, TL07, TL08, TL11, TL15	State: Original Status: Planned	Ongoing	Instructional Technology Specialist, Campus Technology Teacher, Content Specialists	Lesson plans, student products, classroom observations, district content benchmark practice tests, TAKS scores, electronic field trip confirmations

2.3.2:	All K-5 students will participate in electronic field trips Comments: Each school has a video conferencing unit. These will be used to meet this strategy. LEA LRPT Correlates: AS01, I10, TL04, TL05, TL06, TL07, TL08, TL16	State: Original Status: Planned	2004 - 2005 School year	Instructional Technology Specialist, Content Specialists, Campus Technology Teacher	ESCXX field trip confirmations
2.3.3:	Students will participate in innovative activities, such as inschool production broadcasts and digital yearbooks Comments: Broadcast productions are student-generated and average 5 - 15 minutes each. Encourage business community to sponsor these efforts. LEA LRPT Correlates: AS05, EP14, I09, I11, TL01, TL02, TL04, TL06, TL08, TL09, TL16, TL17, TL18, TL19	State: Original Status: Planned	Ongoing	Instructional Technology Specialist, Campus Technology Teacher	Recordings of broadcasts, yearbooks on CDs
2.3.4:	Using PDAs, all K-3 reading teachers will administer and report the results of the TPRI and Tejas Leer Inventory Comments: TPRI = Texas Primary Reading Inventory. The use of PDAs will expedite this process, resulting in more time for instruction. LEA LRPT Correlates: AS02, AS03, TL01, TL08, TL11	State: Original Status: Planned	School year 2004 - 2005	Instructional Technology Specialist, Content specialists	Reading inventory reports
2.3.5:	Align Technology Applications TEKS with the content area TEKS by developing technology benchmarks for each 9 - 12 content area and for Computer Science courses Comments: Benchmarks will be distributed in printed and electronic form via CDs and the district's intranet and web site. Feedback forms will solicit suggestions for strengthening this initiative. LEA LRPT Correlates: AS01, AS05, EP02, EP13, I01, I08, TL01, TL02, TL05, TL07, TL08, TL09, TL15, TL19, TL21	State: Original Status: Planned	Fall 2004	Instructional Technology Coordinator, Content Area Specialists	Benchmarks

GOAL 3: Deliver curricula through innovative uses of technology

OBJECTIVE 3.1:

During this school year, students acquire core area knowledge and skills through the use of online programs

Budget Amount $182,750.00
LRPT category: Teaching and Learning

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	Strategy 3.1.1 – Students in need of credit recovery or alternative scheduling will participate in Plato and/or NovaNet Comments: These programs apply to high school students LEA LRPT Correlates: AS02, AS03, TL01, TL07, TL08, TL10, TL11, TL16, TL18	State: Original Status: Planned	Ongoing	Technology Director, Campus Technology Teacher, Campus Counselor, Campus Academic Deans	Class rosters, student records
3.1.2:	Students will use networked interactive software and video resources, such as Accelerated Reader, Accelerated Math, CCC, CEI, Star Math, Meridian Algebra, Perfect Copy, FastForward and IPTV content LEA LRPT Correlates: AS02, AS03, TL01, TL07, TL08, TL10, TL11, TL18	State: Original Status: Planned	Ongoing	Executive Director of Federal and State Programs, Content Specialists, Campus Counselor, Campus Technology Teacher, Campus Computer Lab Managers	Campus schedules, student data, progress reports

OBJECTIVE 3.2:

During this school year, students improve their knowledge and skills through the use of specialized, rigorous technology courses

Budget Amount $7,625.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 04a, 07, 08

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Interested students will enroll in courses such as Internetworking Technologies, Cisco Certification and Microsoft Certification courses LEA LRPT Correlates: TL02, TL04, TL06, TL16	State: Original Status: Planned	School year 2004 - 2005	Career and Technology Coordinator, Campus Counselor	Class rosters, student records, certifications earned

OBJECTIVE 3.3:

During this school year, increase access to and uses of the district's TEKS-aligned core content curriculum

Budget Amount $0.00

LRPT category: Teaching and Learning

E-Rate Correlates:
NCLB Correlates: 01, 02, 08

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.3.1:	Write, publish online and update curriculum Comments: Make curriculum available in printed format and electronic formats on CDs and the district's intranet and web site LEA LRPT Correlates: AS05, TL05, TL07, TL18	State: Original Status: Planned	Write and publish during summer 2004, update ongoing	Content Specialists, Instructional Technology Specialist, District Webmaster	Online curriculum
3.3.2:	Teachers create lesson plans using the curriculum Comments: Curriculum will be available both the district's intranet and web site LEA LRPT Correlates: AS01, AS03, AS05, I09, TL01, TL05, TL07, TL16, TL17, TL18, TL21	State: Original Status: Planned	Ongoing	Instructional Technology Specialist, District Webmaster, Content Specialists, Principal, Instructional Facilitators, Instructional Specialists, Academic Deans	Online curriculum, lesson plans, web page hit counters
3.3.3:	Teams utilize the online curriculum to create interdisciplinary lessons LEA LRPT Correlates: AS01, AS03, AS05, I09, TL01, TL05, TL07, TL16, TL17, TL18, TL21	State: Original Status: Planned	Ongoing	Content Specialists, Instructional Facilitators, Instructional Specialists, Team Leaders	Interdisciplinary lessons, team minutes

GOAL 4: Increase the use of multimedia devices and products by providing teachers with just-in-time training and best practices strategies

OBJECTIVE 4.1:

During this school year, all teachers will develop an awareness of video production units, video and digital cameras, digital projectors, videoconferencing units, interactive white boards, scanners, and digital curriculum that are available at each campus

Budget Amount $0.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 03, 04a, 04b, 06, 07, 08, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.1.1:	Develop and administer a survey to assess all teachers' awareness of available multimedia devices and products Comments: Compare spring 2005 survey results with the fall 2004 survey results to measure progress LEA LRPT Correlates: AS01, EP02, EP08, EP13	State: Original Status: Planned	Fall 2004, spring 2005	Instructional Technology Coordinator, Campus Technology Teacher	Survey instrument, results of survey
4.1.2:	Build school and community awareness of available multimedia devices and potential products Comments: Some sessions will focus just on availability, others will combine building awareness with training (See Strategy 4.1.3) LEA LRPT Correlates: AS01, EP01, EP03, EP04, EP08, EP09, EP10, TL03, TL05, TL07, TL08, TL09, TL17, TL18, TL19	State: Original Status: Planned	Fall 2004	Instructional Technology Coordinator, District Webmaster, Principal, Campus Technology Teacher	Faculty meeting minutes, web pages, staff development attendance records

OBJECTIVE 4.2:

During this school year, increase the number of teachers able to use video production units, video and digital cameras, digital projectors, videoconferencing units, interactive white boards, and scanners

Budget Amount $30,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 03, 04a, 04b, 06, 07, 08, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.2.1:	Conduct staff development sessions on using multimedia devices and creating products	State: Original	Ongoing	Instructional Technology Coordinator, Instructional Technology Specialist, Content Specialists, Campus	Staff development calendar, enrollment data

	Comments: Uses will bridge all content areas. Use the multimedia survey described in 4.4.4 to determine the effectiveness of this strategy LEA LRPT Correlates: AS01, EP03, EP04, EP05, EP09, EP12, TL05, TL07, TL08	Status: Planned		Technology Teachers	
4.2.2:	Create and distribute videos of the best practices of using multimedia devices and products Comments: Videos will be distributed on tape, CDs, DVDs and by using both the district's intranet and web site LEA LRPT Correlates: AS01, AS07, EP03, EP04, EP08, EP09, EP11, EP12, TL02, TL03, TL05, TL07, TL08, TL18	State: Original Status: Planned	School year 2004 - 2005	Instructional Technology Coordinator, Instructional Technology Specialist, District Webmaster and Campus Technology Teachers	Videos, checkout records, web page counters

GOAL 5: Increase the number of technology proficient teachers and administrators to strengthen teaching and learning

OBJECTIVE 5.1:

During this school year, 35 % of teachers will meet SBEC standards as measured by the District's Technology Assessments, Phase 1 & 2

Budget Amount $1,372,211.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 03, 04a, 04b, 07, 11

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
5.1.1:	Use the LoTi Survey to monitor all teachers' self assessment in developing technology proficiencies Comments: LoTi = Level of Technology Integration. A baseline for these data was established in the spring of 2004 LEA LRPT Correlates: AS01, AS02, EP08, EP13, I01, I08, TL07, TL08, TL13, TL15	State: Original Status: Planned	Fall 2004, Spring 2005	Instructional Technology Coordinator, Campus Technology Teachers	Online LoTi data, individual printouts of teachers' data
5.1.2:	Develop and implement an observational rubric to monitor the use of software and hardware leading to prescribed staff development sessions Comments: Rubric will be posted on the intranet accompanied by a feedback form for soliciting suggestions for strengthening this instrument LEA LRPT Correlates: AS01, AS02, EP08, EP13, I01, I08, TL07, TL08, TL13, TL15	State: Original Status: Planned	Fall 2004	Instructional Technology Coordinator, Instructional Technology Specialist, Campus Technology Teachers	Rubric, reports from its implementation
5.1.3:	Conduct staff development sessions for all K-3 teachers on using a typing skills program and mini-keyboards to increase student keyboarding skills LEA LRPT Correlates: EP03, EP12, I07, I14, TL02, TL05, TL07, TL08, TL10, TL15	State: Original Status: Planned	Fall 2004	Instructional Technology Coordinator, Instructional Technology Specialist, Campus Technology Teachers	Attendance data
5.1.4:	Maintain and expand staff development sessions and online study guides that assist all teachers in successfully completing the District's Technology Assessments, Phases 1, 2 & 3 Comments: Assessments measure knowledge & skills. Phase 1 = MS Windows, MS Outlook, MS Word;	State: Original Status: Planned	School year 2004 - 2005	Instructional Technology Coordinator	Attendance data, web pages, web page hit counters, feedback via written and online forms regarding sessions and study guides

	Phase 2 = MS PowerPoint, Internet, Inspiration; Phase 3 = MS FrontPage, MS PhotoDraw, MS Excel. Incentives are offered to those who complete these assessments. LEA LRPT Correlates: AS01, AS03, EP03, EP05, EP07, EP08, EP09, EP11, EP12, EP13, I01, I08, TL03, TL05, TL08, TL20				
5.1.5:	Conduct staff development sessions for all K-3 teachers on using PDAs in the administration and management of classroom instruction Comments: PDA = Personal Digital Assistant. Pilot of this program was conducted in 2003 - 2004 school year. LEA LRPT Correlates: AS02, AS03, EP05, EP07, EP08, EP09, EP12, TL01, TL03, TL05, TL07, TL11	State: Original Status: Planned	Fall 2004	Instructional Technology Coordinator, Content Specialists, Campus Technology Teachers	Attendance rosters, observational data, PDA generated reports
5.1.6:	Fifty elementary and middle school teachers and administrators will complete ESCXX CUT Leadership and Policy training Comments: CUT = Curriculum Using Technology. Participants will share information and strategies with their campus staff. LEA LRPT Correlates: AS01, AS03, EP03, EP05, EP08, EP09, EP12, I01, I08, I11, TL03, TL05, TL07, TL08, TL15	State: Original Status: Planned	Summer 2004	TARGET Grant Director, Instructional Technology Coordinator	CUT Training attendance records, products from CUT training
5.1.7:	Ten middle school social studies teachers will complete UTSA's TIA training Comments: TIA = Technology Integration Advancement LEA LRPT Correlates: AS01, AS03, EP03, EP05, EP08, EP09, EP12, I01, I08, I11, TL03, TL05, TL07, TL08, TL15	State: Original Status: Planned	Summer - Fall 2004	TARGET Grant Director, Social Studies Content Specialist	TIA attendance data, products from TIA training, classroom implementation of training
5.1.8:	Ten teachers will complete the ESCXX TTTCC certification program Comments: TTTCC = Texas Teacher Technology Competencies Certification LEA LRPT Correlates: AS01, AS03, EP03, EP04, EP05, EP08, EP09, EP11, EP12, I01, I08, I11, TL01, TL03, TL05, TL07, TL08, TL15	State: Original Status: Planned	Summer 2004 - Spring 2005	TARGET Grant Director, Instructional Technology Coordinator	Training attendance data, completed electronic portfolios, TTTCC Certification
5.1.9:	Enroll 30 teachers in a Masters Online (MOL) program	State: Original	School year 2004	Director of Technology	Class rosters, attendance records

				Person(s) Responsible:	Evidence:
	Comments: Participants in this program can earn a Masters in Instructional Technology degree. Additionally, participants will receive a laptop for a nominal fee. LEA LRPT Correlates: EP03, EP05, EP08, EP09, EP11, TL03, TL08, TL20	Status: Planned	- 2005		
5.1.10:	Continue employment of the three members of the Instructional Technology Department and a Technology Teacher in each of the 21 schools. Technology Teachers train and support both teachers and students. LEA LRPT Correlates: EP05, EP08, EP09, TL03, TL06, TL15	State: Original Status: Planned	School year 2004 - 2005	Executive Director of State and Federal Programs, Executive Director of Human Resources	Personnel
5.1.11:	Maintain the Instructional Technology Department Comments: The department provides staff development for professionals, paraprofessionals and members of the community LEA LRPT Correlates: AS08, EP03, EP08, EP09, TL03, TL05, TL07, TL08, TL18, TL19, TL21	State: Original Status: Planned	School year 2004 - 2005	Instructional Technology Coordinator	Ongoing departmental staff and operations

OBJECTIVE 5.2:

By the end of this school year all 9 - 12 teachers will gain awareness of content specific technology application benchmarks and computer science benchmarks

Budget Amount $0.00
LRPT category: Educator Preparation and Development

E-Rate Correlates:
NCLB Correlates:

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
5.2.1:	Develop and publish approved benchmarks on intranet and internet Comments: Pending DEIC approval. DEIC = District Educational Improvement Council. Seek feedback via forms on the district's intranet. LEA LRPT Correlates: AS01, AS05, EP02, EP13, I01, I08, I09, TL01, TL02, TL07, TL08, TL09, TL17	State: Original Status: Planned	Fall 2004	Instructional Technology Specialist, District Webmaster	Posted benchmarks
5.2.2:	Conduct staff development sessions on the implementation of the benchmarks LEA LRPT Correlates: AS01, EP02, EP03, EP05, EP08, EP09, EP12, EP13, I01, I08, TL01, TL02, TL03,	State: Original Status: Planned	School year 2004 - 2005	Instructional Technology Coordinator, Instructional Technology Specialist, Campus Technology Teacher	Attendance records

	TL07, TL08, TL15				

GOAL 6: Promote community involvement

OBJECTIVE 6.1:

During this school year, increase community awareness of and access to technology devices, information and education

Budget Amount $0.00
LRPT category: Administration and Support Services

E-Rate Correlates: ER01
NCLB Correlates: 09, 10

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
6.1.1:	Post items of community interest on the district web and encourage feedback with online forms Comments: Typical items of interest would be details on adult literacy, continuing education and technology classes, alumi news, bond issues, board agenda and news, community newsletters, DEIC news LEA LRPT Correlates: AS04, AS05, AS06, AS07, EP14, I02, I09, I15, TL09, TL17, TL19, TL21	State: Original Status: Planned	Ongoing	District Webmaster	Web pages, feedback received
6.1.2:	Promote and provide access to multimedia devices and video conferences that are of interest to parents and community LEA LRPT Correlates: AS05, AS07, I02, I09, I15, TL09, TL17, TL19, TL21	State: Original Status: Planned	Ongoing	Instructional Technology Coordinator, Instructional Technology Specialist, District Webmaster	Flyers and web pages used for promotions, attendance records

GOAL 7: Increase the number and availability of devices, software and services that will support teaching and learning

OBJECTIVE 7.1:

During this school year, increase the number of devices and related software that can deliver data, create and display visual media

Budget Amount $450,500.00
LRPT category: Infrastructure for Technology

E-Rate Correlates:
NCLB Correlates: 02, 03, 05, 06

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
7.1.1:	Purchase and distribute 230 laptops, 15 digital cameras, 15 digital camcorders and 52 digital projectors to teachers completing Phase 1 & 2 of the District Technology Assessments Comments: Phase 1 = assessments on MS Windows, MS Word, MS Outlook, Phase 2 = assessments on MS PowerPoint, MS Internet Explorer, Inspiration. LEA LRPT Correlates: AS03, EP05, I06, TL05, TL07, TL08, TL20	State: Original Status: Planned	School year 2004 - 2005	TARGET Grant Director, Instructional Technology Coordinator	Inventory of devices, database assessments completed
7.1.2:	Purchase and distribute digital cameras or a digital projector to teachers completing Phase 3 of the District Technology Assessments LEA LRPT Correlates: EP05, TL05, TL07, TL08, TL20	State: Original Status: Planned	School year 2004 - 2005	Instructional Technology Coordinator	Purchase orders, inventory of devices, database of assessments completed
7.1.3:	Purchase and install video production components in 24 additional classroom workstations LEA LRPT Correlates: EP05, TL05, TL07, TL08, TL20	State: Original Status: Planned	Fall 2004	Instructional Technology Coordinator	Purchase orders, inventory of devices
7.1.4:	Purchase computer lab mini-keyboards and mini-mice LEA LRPT Correlates: I07, I14, TL02, TL07, TL08, TL10	State: Original Status: Planned	Fall 2004	Instructional Technology Coordinator	Purchase orders, inventory of devices
7.1.5:	Upgrade district's intranet server Comments: A significant portion of the web on this server is composed of district curriculum and staff development resources LEA LRPT Correlates: EP08, I02, TL07, TL08, TL11, TL18	State: Original Status: Planned	Fall 2004	Instructional Technology Coordinator	Purchase order, web server

OBJECTIVE 7.2:

During the school year, increase the use of wireless transmission of data and video

Budget Amount $37,835.00
LRPT category: Infrastructure for Technology

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
7.2.1:	All new laptops will be capable of 802.11a wireless transmissions LEA LRPT Correlates: AS06, EP06, I02, I07, I10, TL01, TL05, TL07, TL08, TL10, TL18	State: Original Status: Planned	Ongoing	Director of Technology	Purchase orders, inventory of devices
7.2.2:	At least 20 laptops will be retrofitted with 802.11a wireless capabilities LEA LRPT Correlates: AS06, EP06, I02, I07, I10, TL01, TL05, TL07, TL08, TL10, TL18	State: Original Status: Planned	Fall 2004	Instructional Technology Coordinator	Purchase orders, inventory of devices
7.2.3:	Install at least 2 802.11a wireless nodes in all campuses LEA LRPT Correlates: AS06, EP06, I02, I07, I10, TL01, TL05, TL07, TL08, TL10, TL18	State: Original Status: Planned	Fall 2004	Technology Director	Purchase orders, inventory of devices
7.2.4:	Upgrade a staff development lab to wireless laptops Comments: This lab serves a dual function of staff development and community member technology training LEA LRPT Correlates: I02, I14, TL05, TL19, TL21	State: Original Status: Planned	Fall 2004	Instructional Technology Coordinator	Laptops

OBJECTIVE 7.3:

This school year, continue to provide existing online content and services for course enhancement

Budget Amount $4,500.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 07, 08, 09, 10, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
7.3.1:	Renew subscriptions to Plato, CCC, NovaNet, NetVision20 LEA LRPT Correlates: I07, TL01, TL07, TL08, TL10, TL11, TL16	State: Original Status: Planned	Fall 2004	Executive Director of Federal and State Programs, Technology Director	Purchase orders, subscriptions

OBJECTIVE 7.4:

This school year, maintain, increase and enhance telecommunication devices and services

Budget Amount $17,731,033.00

LRPT category: Infrastructure for Technology

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

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
7.4.1: Add to cabling and increase the number of data drops, phone drops and video access points on each campus LEA LRPT Correlates: I01, I02, I03, I08, I12, I14	State: Original Status: Planned	School year 2004 - 2005	Director of Technology	Purchase orders, installed devices
7.4.2: Upgrade telephony from voice over I.P. to I.P. telephony, add data security to switches Comments: Funded with a combination of E-Rate and local funds LEA LRPT Correlates: AS01, I01, I02, I03, I08, I12, I14	State: Original Status: Planned	School year 2004 - 2005	Director of Technology	Purchase orders, installed devices and corresponding software
7.4.3: Meet annual service costs for internet access, internet filtering service, antivirus service and telecommunication services LEA LRPT Correlates: AS01, I01, I02, I03, I08, I10, I12, I13, TL06, TL08, TL18	State: Original Status: Planned	School year 2004 - 2005	Director of Technology	Contracts, purchase orders, maintained services
7.4.4: Maintain support services for video and data equipment Comments: Provided by ESCXX LEA LRPT Correlates: I01, I02, I08, I11, I15	State: Original Status: Planned	School year 2004 - 2005	Director of Technology	Purchase orders, maintenance contracts, service calls
7.4.5: Maintain video bridging service and ATM port access LEA LRPT Correlates: AS01, I01, I02, I08, I11, I15	State: Original Status: Planned	School year 3004 - 2005	Director of Technology	Purchase orders, maintained service
7.4.6: Increase and enhance internal connections by adding cards & blades to switches Comments: These changes provide more varied capabilities referenced throughout Goal 7 LEA LRPT Correlates: AS01, I01, I02, I08, I10, I12, I14	State: Original Status: Planned	School year 2004 - 2005	Director of Technology	Purchase orders, installed devices, increased capabilities
7.4.7: Sustain data and telephony maintenance and service on switches and PABS systems LEA LRPT Correlates: AS01, I01, I02, I08, I12, I14	State: Original Status: Planned	School year 2004 - 2005	Director of Technology	Purchase orders, maintenance contracts, services rendered

| 7.4.8: | Continue to employ district technical staff that installs and maintains computing devices and associated infrastructure

LEA LRPT Correlates: AS01, AS08, I03, I15 | State: Original

Status: Planned | School year 2004 - 2005 | Executive Director of State and Federal Programs, Human Resources Department | Contracts, personnel, workorders |

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: $198,515.00

Method of application for formula funds: Local Application

Budget year 2004		
Budget item	**Cost**	**Funding Sources with amount per source**
Staff Development	$1,391,897.00	MOL TARGET, 0.2% TARGET 2, 6.7% Carl Perkins, 0.1% Title I, 74.5% Title II, Part A, 3.6% Title II, Part D, 10.8% State Tech, 0.7% State Compensatory, 3.3%
Telecommunications & Internet Access	$693,492.00	Local Funds, 23.5% E-Rate, 76.5%
Materials & Supplies	$1,241,683.00	MOL TARGET, 3.8% Carl Perkins, 0.5% State Tech, 2.6% Local Funds, 9.3% E-Rate, 83.8%
Equipment	$14,327,258.00	TARGET 2, 2.4% Title II, Part D, 0.3% State Tech, 0.6% Local Funds, 9.8% E-Rate, 87.0%
Maintenance	$2,037,674.00	State Compensatory, 4.3% Local Funds, 23.1% E-Rate, 72.6%
Miscellaneous Expenses	$179,750.00	TARGET 2, 8.5% Title I, 2.5% Local Funds, 89.0%
Total	$19,871,754.00	

Evaluation

Evaluation Process:
Instruction:
In keeping with the plan's design, one or more persons have the responsibility of seeing that progress is being made in meeting each portion of the plan. These persons will make adjustments as needed, communicate progress to members of the Technology Planning Committee, and to their superiors to determine when and if portions of the plan have been achieved. These same persons will make recommendations as to the need for inclusions of their assigned areas in the following year's plan, or the need to focus on objectives that build on current achievements.

Campus technology teachers will also monitor the progress of meeting each of the components of the plan that center on school activities and school personnel. The Instructional Technology Coordinator has bimonthly meetings with all of the technology teachers, providing them the opportunity to provide anecdotal and formal reports on achievements, impediments to progress and feedback from school constituents.

Furthermore, throughout the year members of the Technology Planning Committee present reports to and seek feedback from those attending meetings of Principals and the District Educational Improvement Council. Each campus and district department is represented on the Council.

Finally, a copy of the plan is available on both the district's intranet and web site and forms on those sites seek feedback from students, employees and community members.

Using this information, the Technology Planning Committee will determine when and how adjustments are made to meet all components of the plan

Infrastructure:
The Technology Infrastructure is monitored on a weekly basis during a Program Management Review by the Program Management Review Committee. All work performed is called out by a Project Number, an E-Rate FRN number, and a Purchase Order number all tied to the Campus on which the work is performed. During the week, Edgewood supports a Senior Systems Engineer and a Senior Systems Technician/Quality Assurance Inspector who visually inspect all aspects of the installation work performed. The Edgewood team is also accompanied by a contractor Quality Control Inspector who works in tandem with the Edgewood Quality Assurance Inspector. The work is performed using Edgewood guidelines for Networking and Systems as well as Industry Standards and Code. At the end of the project, an Acceptance Plan, which was developed for each campus, is used to test and evaluate the installation and work performed to ensure that it meets or exceeds our stated requirements in the Statement of Needs in the RFP, Proposal, and Contract. All of these evaluations become part of the deliverable and are entered into the final Program Management Documentation.

Evaluation Method:
Instruction:
Interactive software and video resources, such as Accelerated Reader, Accelerated Math, CCC, CEI, Star Math, Meridian Algebra, Perfect Copy, FastForward, NovaNet and Plato include ongoing assessment components. Assessment results guide adjustments to each student's instructional program.

Data from each campus' STaR chart is collected and compiled in a graphical format and distributed to members of the Technology Planning Committee, the District Educational Improvement Council and to principals on all campuses. Each teacher will complete the LoTi survey prior to the implementation of the Technology Plan and at the end of the Plan's year. Results will guide the evaluation of the professional development program, and the distribution and maintenance of technology devices. Formal evaluations of teachers include a component that assesses classroom uses of technology.

The Instructional Technology Department has designed and administers performance assessments of teachers' technology knowledge and skills. These assessments are based on SBEC standards and range in levels of difficulty. As part of their campus improvement plan, each campus is expected to increase the number of teachers successfully completing these assessments.

Assessment results are maintained in a database, and each teacher's progress is periodically sent to his or her principal. The Instructional Technology Department periodically compiles the assessment data from each campus. These data are periodically reported to the Assistant Superintendent of Curriculum and Instruction, the Executive Director of State and Federal Programs, and the Director of Technology.

District technology benchmarks serve as a standard to guide the implementation of technology. The benchmarks assure that students meet challenging state academic standards and the Technology Application TEKS, at the appropriate grade level.

A district constructed performance-based instrument will assess sixth grade students' development of technology knowledge and skills. Results from this assessment will guide adjustments to the district's technology program.

Finally, the use of rubrics, surveys and assessments call for the creation of student products. Hard data from these various

instruments will evaluate the progress of both students and teachers in meeting various components of the plan.

Infrastructure:
We use an Acceptance Test Plan along with our Quality Assurance Inspector for each technology project. The Plan is a specified deliverable of each contract and is made part of the Program Management Documentation. The Program Management Documentation is reviewed weekly at the Program Management Review Meeting where we use Program Evaluation Review Techniques (PERT) to review the timelines, critical path, slack-time, resources, and quality control.

Our Senior Systems Engineer/Network Administrator has developed a systems monitoring program which allows him to review Quality of Service (QoS) on our telecommunications and Internet Services that are leased or paid for on an annual tariff. If the services fall below our QoS standards, then the provider is notified to correct the connectivity, data rate, speed, or problem within four hours. Acquisition of these services is through a bid process and funded through a combination of district funds, state grant funding, and the Federal E-Rate program. All providers have been approved for this program by the FCC and are awarded a SPIN number to identify them as approved and qualified providers. These services are plotted on our Program timelines and are incorporated into our Infrastructure serving our campuses.

Appendix

Attachment item A:
District infrastructure diagrams

- Web site: http://www.eisd.net/~rcook/net-plan.html

Attachment item B:
District technology assessment study guides

- Web site: http://www.eisd.net/assessments/default.htm

EDGEWOOD 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.