

SAN ANTONIO ISD Technology Plan

2004 - 2007

RUBEN OLIVAREZ

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 20
Address 141 LAVACA ST
City, State Zip SAN ANTONIO, TX 782101039
Phone (210) 299-5500
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County District Number 15907

Number of Campuses	106
Total Student Enrollment	57,120
District Size	50,000 and over
Percent Econ. Disadvantaged	90.33%

Technology Expenditures	\$22,665,174.64	
Technology budgets reported in plan by category	Teaching and Learning Budget	\$1,017,000.00
	Educator Preparation and Development Budget	\$477,000.00
	Administration and Support Services Budget	\$11,321,157.64
	Infrastructure for Technology Budget	\$9,850,017.00
Technology Expenditure Per Pupil	\$396.80	
Number of Campuses with Direct Connection to Internet	92	
Percentage of Campuses with Direct Connection to Internet	86.79%	
Number of Classrooms with Direct Connection to Internet	0	
Percentage of Classrooms with Direct Connection to Internet	100.00%	
Computer/Student Ratio	3 student(s) for every computer	
Computer/Teacher Ratio	5 teacher(s) for every computer	
Number of campuses that need to complete the Texas Campus STaR Chart	89	
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %	

Plan Introduction

Last Updated 03/25/2004

Plan status submitted
Years Included in the Plan 2004 - 2007
Number of years covered by the plan: 3

Technology Planning Committee

- o Robert Alfaro Sr. Associate Superintendent for Accountability, Technology, MIS and Food & Child Nutritional
- o Miguel Guhlin Director, Instructional Technology
- o Patti Holub Director-District Initiatives and Special Projects
- o Gregory Lee Director, Networking and Technical Services
- o Thelma Celestino Director, Library Media Services
- o Iris Amon Assistant Superintendent, Accountability, Research, and Evaluation Services
- o Claude Ascolese Technology Integration Coordinator/Trainer-Instructional
- o Elvin Chase Teacher, Miller ES
- o Marisa Davies Librarian, Gates ES
- o Ruben Fernandez Principal, Davis MS
- o Carmen Garzes Teacher, Whittier MS
- o Eugene Gonzales Internet Analyst III-Operations and Systems Integration
- o David Goree Campus Instructional Coordinator, Edison HS
- o Mayra Hernandez Campus Instructional Coordinator, Jefferson HS
- o Lori Hunte Librarian, Longfellow MS
- o Carol Jones Speech Therapist, Hirsch ES
- o Sylvia Martinez Technology Integration Coordinator/Trainer-Instructional
- o Robert Miers Parent, Schenck ES
- o Roland J. Neaves General Manager, Computer Solutions
- o Kathy O'Neill Director-PEIMS and Data Services
- o Wynn Parris Director-Operations and Systems Integration
- o Roxanne Carmichael-Rosales Director, Career and Technology
- o Pat Schmitz Director-Testing
- o Peggy Stark Executive Director, Non-Traditional Campuses
- o Diana Sultenfuss Assistant Principal, Page MS
- o John Thilman Director, Planning and Budget
- o Toni Thompson Associate Superintendent, Human Resources

Executive Summary

The San Antonio Independent School District (SAISD) Technology ePlan is intended to cover all aspects of the use of technology in the SAISD for the next three calendar years. The goals and objectives, as well as the mission and vision for technology are aligned with those set by the SAISD Board of Education. Because technology is a moving target, and new and emerging technologies are becoming available daily, the ePlan is intended as a framework upon which we can build, not as an end all. All students and employees of the District will benefit from this plan. To realize the plan, the Board has made the commitment to dedicate a portion of all funds toward the annual total budget for technology. This document represents a work in progress. As the Plan is evaluated, items of need will be added; those that have been completed will be removed.

While conditions may have changed both within the District and in the world at large, the essential elements for our successful implementation of technology in schools remain the same. These include:

Access: We ensure that students, staff, parents, and the local community have appropriate, equitable, and convenient access to the uses and tools of modern technology for information handling, communication, learning, instruction, and management in the educational setting (technology infrastructure, equity, currency and access).

Training: We provide training systems to ensure successful use of current and emerging technologies by students, staff, parents, and the community. This training focuses on role-specific applications and high-yield strategies for integrating these.

Support: We maintain and enhance support systems (instructional coaching, technical support, troubleshooting, installation, maintenance, repair, acquisitions, plant services) for the use of technology that will ensure successful experiences by students, staff, parents, and the community (adequacy and timeliness).

Communication: We provide students, staff, parents, and community with a modern and effective communications system and infrastructure which includes a network that links schools, classrooms, libraries, businesses, home, governmental agencies, and others within and outside the District (connectivity).

Technology in the San Antonio Independent School District will continue to play a major role in learning and teaching, in administration and information systems, and in the inclusion of parents and the community in the enterprise of education. At the center of the district's mission is student learning and productivity. Measured by benchmarks of student and staff progress, technology initiatives on each of these three fronts are critical to the district's success with technology and to its overall success in achieving the shared vision.

The Long Range Technology Planning team has developed a flexible and ambitious set of goals for SAISD technology acquisition, implementation, and assessment. During these years, the Team will add representatives of stakeholders from the community and from other departments of the SAISD structure to ensure appropriate representation. The Team's role will include planning for the district information and communications infrastructure and for enhanced support for campus technology decision-making and self-sufficiency. The Team also recognizes the need to integrate technology planning with shared site-based decision-making at each campus. Site-based planning teams will develop campus-level technology audits and recommendations, including plans for special programs and extramural funding, which reflect utilization of technology consistent with the framework of the district plan.

Our general commitments for the upcoming years include:

- Ongoing revision and review of the Long Range Technology Plan,
- Increased and improved client support and empowerment for all SAISD campuses and departments, with special emphasis on expanded infrastructure and connectivity,
- Development of strategies to maintain or reduce the total cost of ownership (TCO) in technology while simultaneously upgrading hardware capabilities,
- Continual improvement to administrative and student systems to ensure PEIMS data quality, with an expanded intranet and Internet capability for student support services to ensure effective, efficient, and timely auxiliary, administrative, and record-keeping services (counseling, scheduling, placement, special services, transportation, security, food services, attendance, achievement, discipline, health, and social services). Additional intranet and Internet capabilities will ensure effective, efficient, and timely financial, business, personnel, and plant services (personnel management, calendaring, business operations, acquisitions, fixed assets, textbooks, plant maintenance, data reporting, evaluation, and security services),
- Effective extramural funding programs through grants and partnerships,
- Ongoing instructional initiatives that integrate technology into the District's classrooms. While campuses will have flexibility in detailed implementation of technology, the district will maintain non-negotiables for both learners and for staff, and
- Constant review and revision of the District's staff development programs

Needs Assessment

Assessment Process:

2.1 The following chart represents the process used to analyze the district technology needs that are addressed in the plan.

This needs assessments seeks to address both process and product. In assessing the process, there are three foci; these include the following: a) Planning, management and Collaboration; b) Implementation evaluation; and c) Professional development.

In assessing the first process item, there are several critical components. Those include meetings with campus technology representatives, campus instructional technologists, as well as collaborative meetings with Curriculum and Instruction Department. Methods and indicators for assessing Planning, Management and Collaboration include on-site observations and formal/informal interviews.

The second process item is implementation evaluation. Components for this item include various activities, alignment to the State's Long Range Plan for Technology, StaR Chart, and the Levels of Technology Implementation (LOTI) framework. Pre-Intervention methods and/or indicators include the district and campus StaR Chart, the LOTI Questionnaire, and Taking a Good Look at Instructional Technology (TAGLIT). Post-intervention methods include the LOTI Questionnaire that will be administered on an annual basis as funds permit.

The third process item is Professional Development. Professional development has several components, including curriculum and the technology competency certification plan (TCCP). Methods/indicator that will be used to assess Professional Development include workshop evaluations, formal/informal interviews, on-site observations, and document tracking via the Instructional Technology web site.

However, process is only one part of the needs assessment. The second part is the product that results from the process. In assessing the product, the impact on teaching, learning and administrative tasks is the primary focus. Critical components include frequency of technology use, incorporation of technology and educator to workstation ratio. These are assessed through a variety of indicators, including the StaR Chart and LOTI Questionnaire as pre/post surveys. Also included are the campus access surveys, a survey completed by campuses on a continuous basis.

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

Existing Conditions:

2.2 Current conditions for the district and campuses targeted in this plan, include, but are not limited to, telecommunications services, hardware, software, and other services.

The foundations of all successful technology implementation in SAISD are connectivity and access. Children and staff alike cannot benefit from computers if they do not have access to those computers. While standalone computers provide advantages in basic areas to our clients, their value is greatly enhanced when connectivity is provided - when each computer is capable of interactivity with other computers, and with the vast interactive network known as the Internet. Thus infrastructure issues and goals are a key component of our vision and our plan for accomplishing that vision.

In general terms, our connectivity and access must grow at a rate which at least keeps pace with the demand created by clients in District classrooms and offices. Every classroom must be equipped for access to the Internet and must be situated with computer hardware to take advantage of that access. Implicit within this requirement, however, are several equally important issues:

- Connectivity bandwidth must be fast and efficient. That means that the "pipes" of the District's Wide Area Network must be large enough to permit high-speed data transfer to an increasingly large number of users simultaneously. By 2006, this network needs to support the transmission of voice, data and video.
- Hardware must be powerful enough to take advantage of that bandwidth. It is not enough to have computers; the computers must be capable of supporting multimedia presentations and they must process and store information at high speeds and in sufficient capacity to permit regular and efficient Internet access.

The growth of technology in San Antonio Independent School District has been explosive. In 1992 fewer than 2,000 desktop computers were in place to serve the 60,000 students and 8,000 employees of the District. Today there are over 19,000 desktop computers in SAISD, located at 101 geographically separated locations throughout the District.

Today we have as many as five computers and a printer in each of the third - eighth grade classrooms. In addition, our high schools and middle schools are well populated with computers, due in part to individual school initiatives and

grants, and to our own success in leasing computers for the high schools. Most of these computers currently talk through the network at only 10 Mbps. A reasonable estimate for continued growth suggests that, by the year 2005, there may be as many as 55,000 desktop and laptop computers in use in the District: about 1 computer for every student and employee. Each of these computers must be able to communicate at 100 Mbps and the network infrastructure will have to support transfers of information at this speed as well.

Technology Needs:

2.3 The following is a summary of the technology needs and issues identified by the needs assessment.

A comprehensive needs assessment utilizing teacher/student surveys, interviews, focus group sessions, inventories and the Texas Campus STaR Chart was conducted to analyze the current status of technology in the district and determine future needs. Items analyzed included: infrastructure, hardware, software, programs, courses, student achievement, technology resources, staff development, and technical support. Findings from this needs assessment are as follows.

- **Infrastructure.** The District's network infrastructure must be able to support responsive access to Internet resources through greater bandwidth, and modern up-to-date equipment, and software. The on-line student assessment programs and grade book program require responsive reliable Internet connectivity. The digital curriculum program or streaming video also require good bandwidth and reliable. The District must also be positioned to support future voice-over-IP initiatives that will place a telephone in every classroom. Finally, the District infrastructure must establish a wireless infrastructure to support the multitude of wireless laptops and personal digital assistants (PDAs) being purchased by schools and administrative staffs.

- **Hardware.** SAISD currently owns more than 19,600 computers that are located in its 92 campuses. Of these computers, over 49% are over five years old and, while still in use, are considered obsolete. These numbers are tracked and assessments performed through the use of fixed assets data and through a campus self-reporting tool called the Campus Access Survey (CAS). Through fixed assets and CAS we are able to determine where the computers are located, how they are used and their age. Other significant data is tracked and used when updating the District's hardware access plan such as the number of labs, the hardware platform, Internet connectivity, etcetera. It is the District's goal to provide access for all students to current technology, technology that is one – five years old. To meet this goal the District reviews the hardware assessment annually and determines the areas of greatest need. Funding is then allocated to support those areas most in need. In order to make current technology more accessible, the District is moving toward mobile, wireless technology. This initiative will begin with high schools and the purchase of 33 mobile laptop carts with 24-wireless laptops. These laptops will be shared throughout the campus as the need permits making technology available to students, whenever they are. Desktop computers will still be used in the areas that are served better through this type of technology such as administrative areas and Career and Technology Labs. In addition, the District is pursuing an initiative to provide a mobile, wireless laptop for every teacher. Most classrooms have computers, but few have a computer that is dedicated solely for teacher use. As more information is available electronically and more automated resources are implemented, it is becoming critical that every teacher have a tool for accessing that information and those resources. With a mobile, wireless laptop the teacher will have a tool that can be used where they do their work – in the classroom and in the home – and that can be used to support the growing need for professional development.

- **Software.** Per the Base Campus Technology Plan, SAISD has standardized the District elementary schools on productivity tools (e.g. MS Office) and keyboarding software (e.g. Type to Learn). Continuing in that effort, two other tools remain - graphic organizers and age-appropriate multimedia tools. These are two critical tools for elementary students, as well as K-8, especially in light of the new TAKS.

The district should have standardized applications supporting State and National Technology Applications standards as well as content area connections. Standardizing on appropriate software (e.g. Inspiration/Kidspiration) will allow more efficient and effective District teacher training and support and better software purchasing aligned to TEKS district-wide. This profound need has been exacerbated by the fact that while hardware has been purchased at the campus level, new software specifications exceed the technology now available at campuses.

- **Student Achievement.** During the period 2002-2003 school year, SAISD was 90% economically disadvantaged in comparison to a state rate of 52%. TAKS scores, while aligned with the state in the economically disadvantage group lagged behind the state scores with 65% passing math, 79% passing writing, 55% passing science, and 86% passing social studies. Groups such as Limited English Proficient students are well behind, and at grade nine only 25% pass TAKS. SAISD has the highest mobility rate of any urban district with 32.3% of students moving during the year (state rate is 21.1%). The four year dropout rate is 8.3%, but special education students dropout at a rate of 17.7% and LEP students at the rate of 11.3%.

- **Staff Development.** Previous to 2003 school year, professional development in regards to technology professional development has not been focused or aligned to SBEC Standards. As such, in spring 2004, the District chose to administer the Levels of Technology Implementation (LOTI) questionnaire, as well as provide training to unfunded campus technology representatives (who meet monthly), campus principals and instructional coordinators.

The Levels of Technology Implementation (LOTI) provides each teacher, administrator and library media specialist detailed assessment that will help guide professional development in San Antonio ISD. This assessment will be completed by end of spring, 2004. Based on the preliminary data from the LOTI currently being administered, is that 31% of educators are at Level 0 of the Levels of Technology Implementation (LOTI). Level 0 can be described as follows: Technology-based tools (e.g., computers) are either (1) completely unavailable in the classroom, (2) not easily accessible by the classroom teacher, or (3) there is a lack of time to pursue electronic technology implementation. Existing technology is predominately text based (e.g., ditto sheets, chalkboard, and overhead projector). This is a level lower than the Texas STaR Chart's Early Tech.

Only 17% are at the target technology level of progress in the Texas STaR Chart. This means that while the majority of campuses may claim that they are the "Developing Tech" level of progress, more detailed assessment shows that SAISD is in greater need for targeted professional development than indicated by the Texas STaR Chart data.

This need can be addressed through increased access to hardware, standardized software purchases, and a district-coordinated technology competency certification plan (TCCP). Unfortunately, the TCCP lacks the funding for completion incentives should the entire district participate.

- Technical Support. The District requires a technical support staff capable of supporting, maintaining, and troubleshooting routers, switches, servers, PCs, MACs, laptops (wired and wireless) and PDAs. This type of equipment is housed at schools and administrative locations. In addition, the technical staff must be able to diagnose and fix district-supported software and solve connectivity issues to Region 20 and application service providers (LightSpan).

Goals, Objectives, and Strategies

GOAL 1: Goal 1: Strategies will be developed to evaluate the levels of technology use and integration by teachers, librarians, and other professional staff.			
OBJECTIVE 1.1: Objective 1.1: 100% of teachers and campus administrators will complete a technology needs assessment.			
<i>Budget Amount \$294000.00</i> <i>LRPT category: Teaching and Learning</i>			
E-Rate Correlates: ER01 NCLB Correlates: 01 02 11			
<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.1.1: Administer needs assessment that measures the Level of Technology Implementation (LOTI), addressing 3 domains for every teacher, librarian and campus administrator in SAISD. Comments: LEA LRPT Correlates: AS02 AS03 EP07 EP08 EP09 EP10 I01 I08 TL03 TL09 TL13 TL14 TL15	2004-2007	Dir., Office of Instructional Technology Services	Data reports for each campus and one report for the district Daily agendas Session evaluations Web Site – http://itls.saisd.net/lot
1.1.2: Implement Data-Driven Administrator Seminar for assistant principals to help them assess technology integration in the classroom. Comments: LEA LRPT Correlates: AS02 AS03 EP07 EP08 EP09 EP10 I01 I08 TL03 TL09 TL13 TL14 TL15	2004-2007	Dir., Office of Instructional Technology Services	Web Site - http://itls.saisd.net/admin/ddas Geometric Reflection Focus Group LOTI Rubric on Web Site
1.1.3: Implement Data-Driven Administrator Seminar for principals to help them assess technology integration in the classroom. Comments: LEA LRPT Correlates: AS02 AS03 EP07 EP08 EP09 EP10 I01 I08 TL03 TL09 TL13 TL14 TL15	2004-2007	Dir., Office of Instructional Technology Services	Web Site - http://itls.saisd.net/admin/ddas Geometric Reflection Focus Group
1.1.4: Design and implement Technology Literacy Institute in line with SBEC Standards, including online competency assessments. Comments: LEA LRPT Correlates: AS02 AS03 EP07 EP08 EP09 EP10 I01 I08 TL03 TL09 TL13 TL14 TL15	2004-2007	Dir., Office of Instructional Technology Services	Available online competency assessments on the ITS web site Web – http://itls.saisd.net/tli

1.1.5:	Facilitate campuses updating the Texas Campus STAR Chart as well as the classroom level StaR Chart. Comments: LEA LRPT Correlates: AS02 AS03 EP07 EP08 EP09 EP10 I01 I08 TL09 TL13 TL14 TL15	2004-2007	Dir., Office of Instructional Technology Services	Availability of the survey via the web Weekly Memo to principals http://itls.saisd.net/ctr
1.1.6:	Implement Data-Driven Administrator Seminar (DDAS) Palm handheld computer initiative for assistant principals to appraise professional staff, do instructional walk-throughs, and quickly access student attendance data. Comments: LEA LRPT Correlates: AS02 AS03 EP07 EP08 EP09 EP10 I01 I08 TL03 TL09 TL13 TL14 TL15	2004-2007	Dir., Office of Instructional Technology Services	Purchase of mVal:PDAS and ePrincipal software Records of attendance Testimonials regarding use. http://itls.saisd.net/admin/ddas

GOAL 2: Teachers and professional support staff will have the opportunity to participate in staff development.				
<p>OBJECTIVE 2.1: 100% of campus teachers and professional support staff will have the opportunity to participate in professional development available in SAISD</p> <p><i>Budget Amount \$321000.00</i> <i>LRPT category: Educator Preparation and Development</i></p> <p>E-Rate Correlates: ER02 NCLB Correlates: 01 03 04a 04b</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.1.1:	<p>Develop a calendar for campus staff professional development and make it available via the Web.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS05 EP03 I09 TL11</p>	2004-2007	Dir., Office of Instructional Technology Services	<p>Implementation Plan Calendar (http://itls.saisd.net/pdp) Reports on participation to principals regarding staff development completed.</p>
2.1.2:	<p>Maintain ITS website for communication, program awareness, information dissemination and to support online, web-based curriculum modules providing anytime, anywhere access to professional development resources.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS05 EP03 EP07 EP11 EP12 EP14 I09 TL11 TL19</p>	2004-2007	Dir., Office of Instructional Technology Services	<p>Usage survey Hit counter Analysis Web Site – Technology Literacy Institute's online tutorials (http://itls.saisd.net/tli)</p>
2.1.3:	<p>Maintain and refine a district-wide professional development tracking, web-based and database system to maximize training opportunities for staff.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS05 EP03 EP07 EP11 EP12 EP14 I09 TL03 TL11</p>	2004-2007	Dir., Office of Instructional Technology Services	<p>Web Site – Professional Development Planner (http://itls.saisd.net/pdp)</p>
2.1.4:	<p>Work with campus administrators to update the list of campus technology representatives to provide monthly representation and campus staff development from each school in the district.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS05 EP07 EP11 EP12 EP14 I09 TL03 TL07 TL11 TL12 TL14</p>	2004-2007	Dir., Office of Instructional Technology Services	<p>Resources will be available via the ITS web site Campus Instructional Technologist or Campus Technology Representative at every campus monthly meeting agendas. (http://itls.saisd.net/ctr)</p>
2.1.5:	<p>Develop and implement a professional development plan aligned to SBEC Technology Competencies for Teachers (I-V), the Levels of</p>	2004-2007	Dir., Office of Instructional Technology Services	<p>Professional Development Plan Web Site -Professional Development Planner (http://itls.saisd.net/pdp)</p>

	Technology Implementation. Comments: LEA LRPT Correlates: AS01 AS05 EP07 EP11 EP12 EP14 I09 TL03 TL11			
2.1.6:	Provide professional development for Non-Public Schools within the District boundaries that is the same or equitable to that provided to District staff. Comments: LEA LRPT Correlates: AS01 AS05 EP07 EP11 EP12 EP14 I09 TL03 TL11 TL19 TL21	2004-2007	Dir., Office of Instructional Technology Services	Professional Development Plan Professional Development Planner Collaboration with Federal Programs
2.1.7:	Establish campus instructional technologists (CITs) as funding and availability of candidates permits. Comments: LEA LRPT Correlates: AS01 AS05 EP03 EP07 EP11 EP12 EP14 I09 TL03 TL11 TL19 TL21	2004-2007	Dir., Office of Instructional Technology Services	Web – http://itls.saisd.net/cit
<p>OBJECTIVE 2.2: 100% of teacher will have access to online learning resources and tutorials to enhance their professional development.</p> <p><i>Budget Amount \$60000.00</i> <i>LRPT category: Administration and Support Services</i></p> <p>E-Rate Correlates: ER02 NCLB Correlates: 04a 04b 12</p>				
Strategies		Timeline:	Person(s) Responsible:	Evidence:
2.2.1:	Maintain ITS web site for communication, program awareness, and information dissemination and to support online, web-based curriculum modules providing anytime, anywhere access to professional development and online registration. Comments: LEA LRPT Correlates: AS01 AS05 EP11 EP12 I09 TL19 TL20 TL21	2004-2007	Dir., Office of Instructional Technology Services	Usage survey Hit counter Analysis Professional Development Planner Web Site- http://itls.saisd.net/pdp
2.2.2:	Continue to publish a monthly eNewsletter that spotlights innovative integration of technology into the curriculum, as well as information literacy and problem-solving for staff. Comments: LEA LRPT Correlates: AS01 AS05 EP11 EP12 I09 TL19 TL20 TL21	2004-2007	Dir., Office of Instructional Technology Service	Web Site

2.2.3:	<p>Provide Technology Integration Academies (TIA) that are research-based and provide participants with innovative tools, instructional models, and resources.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS05 EP11 EP12 I09 TL19 TL20 TL21</p>	2004-2007	Dir., Office of Instructional Technology Services	Available via the ITS web site
2.2.4:	<p>Maintain ITS website for communication, program awareness, information dissemination and to support online, web-based curriculum modules providing anytime, anywhere access to professional development resources.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS05 EP11 EP12 I09 TL19 TL20 TL21</p>	2004-2007	Dir., Office of Instructional Technology Services	Usage survey Hit counter Analysis Web Site – Technology Literacy Institute’s online tutorials (http://itls.saisd.net/tli)
2.2.5:	<p>Establish a video library with examples that model technology integration at appropriate level of technology implementation.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS05 EP11 EP12 I09 TL19 TL20 TL21</p>	2004-2007	Dir., Office of Instructional Technology Services	Web Site – http://itls.saisd.net/loti

GOAL 3: Documentation will be kept on students' level of technology use / integration and TEKS mastery.				
<p>OBJECTIVE 3.1: Teachers will document student progress and technology use/implementation through course grades and project evaluations.</p> <p><i>Budget Amount \$5955000.00</i> <i>LRPT category: Administration and Support Services</i></p> <p>E-Rate Correlates: NCLB Correlates: 11</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.1.1:	<p>Enable the students, teachers, and administrators of SAISD to effectively integrate technology into the teaching and learning in the District.</p> <p>Comments:</p> <p>LEA LRPT Correlates: EP05 EP06 EP12 EP13 I08 TL01 TL02 TL06 TL07 TL08 TL12 TL18</p>	2004-2007	Dir., Office of Instructional Technology Services	Professional Development Plan LOTI Annual Assessment StaR Chart Assessment Professional Development Catalog
3.1.2:	<p>Create a plan to evaluate, select and implement a district-wide electronic grade book and attendance tracking system and develop a calendar for campus staff training.</p> <p>Comments:</p> <p>LEA LRPT Correlates: EP05 EP06 EP07 EP12 EP13 I08 TL01 TL02 TL05 TL06 TL07 TL08 TL12 TL18</p>	2004-2005	Dir., Office of Instructional Technology Services	Plan and calendar
3.1.3:	<p>Continue to develop Middle School Technology Applications: Texas Essential Knowledge and Skills (TA:TEKS) 1 semester course curriculum that reflects a project-based approach using core-curriculum.</p> <p>Comments:</p> <p>LEA LRPT Correlates: EP05 EP06 EP07 EP12 EP13 I08 TL01 TL02 TL05 TL06 TL07 TL08 TL12 TL18</p>	2004-2007	Dir., Office of Instructional Technology Services	MS TA:TEKS curriculum Web Site
3.1.4:	<p>Implement Middle School Technology Applications: Texas Essential Knowledge and Skills (TA: TEKS) 1 semester course curriculum that reflects a project-based approach to information problem-solving and technology literacy using core-curriculum.</p> <p>Comments:</p> <p>LEA LRPT Correlates: EP05 EP06 EP12 EP13 I08 TL01 TL02 TL05 TL06 TL07 TL08 TL12 TL18</p>	2004-2007	Dir., Office of Instructional Technology Services	MS TA:TEKS curriculum

3.1.5:	Continue to model use of information problem-solving approach known as the Big6 as a way to help teachers develop activities at LOTI Level 3 and above. Comments: LEA LRPT Correlates: EP05 EP06 EP12 EP13 I08 TL01 TL02 TL05 TL06 TL07 TL08 TL12 TL18	2004-2007	Dir., Office of Instructional Technology Services Dir., Office of Library Media Services	Workshop sessions available – http://itls.saisd.net/pdp Technology Integration Academies – http://itls.saisd.net/tia Middle School Technology Applications: TEKS (http://itls.saisd.net/tateks)
3.1.6:	Develop a TA: TEKS-based K-12 database of lesson activities that are integrated into the District's scope and sequence, and made available via the District's Curriculum Management System. Comments: LEA LRPT Correlates: EP05 EP06 EP12 EP13 I08 TL01 TL02 TL05 TL06 TL07 TL08 TL12 TL18	2004-2007	Dir., Office of Instructional Technology Services	Available via the ITS web site Available in the District's Curriculum Management System
3.1.7:	Develop and implement a TA:TEKS scope and sequence to facilitate the development of technology-enhanced lessons. Comments: LEA LRPT Correlates: EP02 EP05 EP06 EP12 EP13 I08 TL01 TL02 TL05 TL06 TL07 TL08 TL12 TL18	2004-2007	Dir., Office of Instructional Technology Services	ITS Web Site:TA:TEKS curriculum
3.1.8:	Develop and implement a K-5 technology-infused curriculum matched to Target Technology Level in LOTI and StaR Chart in collaboration with Curriculum and Instruction Department Comments: LEA LRPT Correlates: EP05 EP06 EP12 EP13 I08 TL01 TL02 TL05 TL06 TL07 TL08 TL12 TL18	2004-2007	Dir., Office of Instructional Technology Services	Planning documents
3.1.9:	Provide evaluation of instructional activities within the Levels of Technology Implementation (LOTI) framework prior to placement in the District's Curriculum Management System (CMS). Comments: LEA LRPT Correlates: EP05 EP06 EP12 EP13 I08 TL01 TL02 TL06 TL07 TL08 TL11 TL12 TL18	2004-2007	Dir., Office of Instructional Technology Services	Curriculum Management System modifications
3.1.10:	Develop a grade 9-12 scope and sequence with corresponding curriculum for Technology Applications courses. Comments: LEA LRPT Correlates: EP05 EP06 EP12 EP13 I08 TL01 TL02 TL06 TL07 TL08 TL12 TL18	2004-2007	Dir., Office of Instructional Technology Services	Webmastering Scope and Sequence Desktop Publishing Scope and Sequence Web – http://itls.saisd.net/tateks

<p>OBJECTIVE 3.2: 100% of teachers will have access to an online grade book and attendance tracking system.</p> <p><i>Budget Amount \$600000.00</i> <i>LRPT category: Administration and Support Services</i></p> <p>E-Rate Correlates: NCLB Correlates: 11 12</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.2.1:	Create a plan to evaluate, select and implement a district-wide electronic grade book and attendance tracking system and develop a calendar for campus staff training. Comments: LEA LRPT Correlates: EP07 TL11	2004-2007	Dir., Office of Instructional Technology Services	Implementation Plan and calendar

GOAL 4: Online resources and innovative curriculum will be available for students, parents and teachers.				
<p>OBJECTIVE 4.1: 100% of teachers and students will have access to online resources that support curriculum and the TA:TEKS</p> <p><i>Budget Amount \$150000.00</i> <i>LRPT category: Teaching and Learning</i></p> <p>E-Rate Correlates: NCLB Correlates: 07 08 12</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.1.1:	<p>Enable the students, teachers, and administrators of SAISD to effectively integrate technology into the teaching and learning in the District.</p> <p>Comments:</p> <p>LEA LRPT Correlates: EP04 EP05 EP12 EP13 I08 TL02 TL05 TL06 TL07 TL16 TL17 TL18</p>	2004-2007	Dir., Office of Instructional Technology Services	Vision 2005 District Plan Web Site – http://itls.saisd.net/tli
4.1.2:	<p>Use digital video distribution system appropriately to enhance learning so as to change the learning process, allowing for greater levels of inquiry, analysis, interest and collaboration, creativity, content production and student achievement.</p> <p>Comments:</p> <p>LEA LRPT Correlates: EP04 EP05 EP12 EP13 I08 TL02 TL05 TL06 TL07 TL16 TL17 TL18</p>	2004-2007	Dir., Office of Instructional Technology Services Dir., Office of Library Media Services	Implementation Plan Web Site Calendar
4.1.3:	<p>Implement TA: TEKS 1 semester course curriculum that reflects a project-based approach to information problem-solving and technology literacy using core-curriculum.</p> <p>Comments:</p> <p>LEA LRPT Correlates: EP04 EP05 EP12 EP13 I08 TL02 TL05 TL06 TL07 TL16 TL17 TL18</p>	2004-2007	Dir., Office of Instructional Technology Services	MS TA:TEKS curriculum Web Site
4.1.4:	<p>Continue to model use of information problem-solving approach known as the Big6 as a way to help teachers develop activities at LOTI Level 3 and above.</p> <p>Comments:</p> <p>LEA LRPT Correlates: EP04 EP05 EP12 EP13 I08 TL02 TL05 TL06 TL07 TL16 TL17 TL18</p>	2004-2005	Dir., Office of Instructional Technology Services	Workshop sessions available – http://itls.saisd.net/pdp Technology Integration Academies – http://itls.saisd.net/tia Middle School Technology Applications: TEKS (http://itls.saisd.net/tateks)

4.1.5:	Develop a TA:TEKS-based K-12 database of lesson activities that are integrated into the District's scope and sequence, and made available via the District's Curriculum Management System. Comments: LEA LRPT Correlates: EP04 EP05 EP12 EP13 I08 TL02 TL05 TL06 TL07 TL16 TL17 TL18	2004-2007	Dir., Office of Instructional Technology Services	Available via the ITS web site Available in the District's Curriculum Management System
<p>OBJECTIVE 4.2: 100% of teachers and students will have access to streaming digital media that supports the curriculum</p> <p><i>Budget Amount \$3000.00</i> <i>LRPT category: Teaching and Learning</i></p> <p>E-Rate Correlates: NCLB Correlates: 07 08 12</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.1:	Use digital video distribution system appropriately to enhance learning so as to change the learning process, allowing for greater levels of inquiry, analysis, interest and collaboration, creativity, content production and student achievement. Comments: LEA LRPT Correlates: EP04 EP11 I01 TL05 TL16 TL17 TL18	2004-2005	Dir., Office of Instructional Technology Services	Usage feedback Form
4.2.2:	Maintain ITS web site components that incorporate digital video/audio that show staff modeling best teaching and learning practices. Comments: LEA LRPT Correlates: EP04 EP11 I01 TL05 TL06 TL16 TL17 TL18	2004-2005	Dir., Office of Instructional Technology Services	Usage feedback Form/ Hit Counter
<p>OBJECTIVE 4.3: 100% of parent liaisons will learn how technology is used to support teaching, learning and leadership.</p> <p><i>Budget Amount \$3000.00</i> <i>LRPT category: Teaching and Learning</i></p> <p>E-Rate Correlates: NCLB Correlates: 07 08 09 10 12</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.3.1:	Maintain ITS web site components that incorporate digital video/audio that show staff modeling best teaching and learning practices. Comments: LEA LRPT Correlates:	2004-2005	Dir., Office of Instructional Technology Services	Parent Liaison Pamphlet Web – http://itls.saisd.net/parents

	EP04 EP11 I01 TL05 TL16 TL17 TL18			
4.3.2:	<p>Work in collaboration with Area Superintendent staff to facilitate literacy through technology.</p> <p>Comments:</p> <p>LEA LRPT Correlates: EP04 EP11 I01 TL05 TL06 TL16 TL17 TL18</p>	2004-2005	Dir., Office of Instructional Technology Services	Parent Liaison Pamphlet Web – http://itls.saisd.net/parents
4.3.3:	<p>Host an annual Gifted & Talented with 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.</p> <p>Comments:</p> <p>LEA LRPT Correlates: EP04 EP11 I01 TL05 TL06 TL16 TL17 TL18</p>	2004-2005	Dir., Office of Instructional Technology Services	Web – http://itls.saisd.net/techfair Approximately 1200 in attendance during the 2002-2004 Technology Student Product Fair.
4.3.4:	<p>Provide weekly parent classes at campuses with full or part-time Campus Instructional Technologists (CITs).</p> <p>Comments:</p> <p>LEA LRPT Correlates: EP04 EP11 I01 TL05 TL06 TL16 TL17 TL18</p>	2004-2005	Dir., Office of Instructional Technology Services	Web – http://itls.saisd.net/cit

GOAL 5: Strategies will be to develop and maintain a local area and wide area network technology infrastructure for support of students, teachers, librarians, and other professional staff.				
<p>OBJECTIVE 5.1: Provide 100% connectivity to the network to support teachers, librarians and campus administrators in support of district initiatives.</p> <p><i>Budget Amount \$4191657.64</i> <i>LRPT category: Administration and Support Services</i></p> <p>E-Rate Correlates: NCLB Correlates: 02</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
5.1.1:	Maintains and manages servers, router, and switches for connectivity to local area network and wide area network resources. Comments: LEA LRPT Correlates: AS08 I02 I07 I10 I14 I15	2004-2007	Dir., Office of Network and Technical Services	Access to Region 20 reports, electronic mail, on-line Interim Assessments, and the Internet.
5.1.2:	Maintains a T1 (1.544 Mbps) to all middle and elementary school locations. Comments: LEA LRPT Correlates: AS08 I02 I07 I10 I14 I15	2004-2007	Dir., Office of Network and Technical Services	Access to Region 20 reports, electronic mail, on-line Interim Assessments, and the Internet.
5.1.3:	Maintains a 30 Mbps connection to the Internet in support of schools and administrative locations. Comments: LEA LRPT Correlates: AS08 I02 I07 I10 I14 I15	2004-2007	Dir., Office of Network and Technical Services	Fast access to Internet. Monitoring of connection speed with software (Cybergauge)
5.1.4:	Provides communication infrastructure in support of district web site for communications with parents and community. Comments: LEA LRPT Correlates: AS08 I02 I07 I10 I14 I15	2004-2007	Dir., Office of Network and Technical Services	Web site at www.saisd.net . Usage survey and hit counter analysis
5.1.5:	Upgrade of high school wide area connectivity speed from 1.544 Mbps to 1000 Mbps. Comments: LEA LRPT Correlates: AS08 I02 I07 I10 I14 I15	2004-2004	Dir., Office of Network and Technical Services	Faster access to Internet and network resources. Monitoring of connection speed with software (Cybergauge)
5.1.6:	Manages and maintains a Helpdesk and technical staff for support of servers, routers, switches, PCs, Macs and other computer related hardware and software at the schools for the support of integration into teaching, learning, and school operations. Comments:	2004-2007	Dir., Office of Network and Technical Services	Five people assigned to Helpdesk. Area support teams consisting of 12 people. Daily log of Helpdesk jobs received and completed

	LEA LRPT Correlates: AS08 I02 I07 I10 I14 I15			
5.1.7:	Replace obsolete technology and infrastructure on a scheduled basis for maximum efficiency and use. Comments: LEA LRPT Correlates: AS08 I02 I07 I10 I14 I15	2006-2007	Dir., Office of Network and Technical Services	State-of-the-art networking hardware will be replaced as needed at all SAISD schools.
5.1.8:	Yearly maintenance on all routing/switching equipment at schools. Comments: LEA LRPT Correlates: AS08 I02 I07 I10 I14 I15	2004-2007	Dir., Office of Network and Technical Services	SMARTnet maintenance agreements

GOAL 6: Strategies will be developed to evaluate the levels of technology use and integration by SAISD Librarians			
OBJECTIVE 6.1: 100% of librarians complete a technology needs assessment.			
<p style="text-align: center;"><i>Budget Amount \$270000.00</i> <i>LRPT category: Teaching and Learning</i></p> <p style="text-align: center;">E-Rate Correlates: ER01 ER02 NCLB Correlates: 01 04b 08 09 11 12</p>			
<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>6.1.1: Administer needs assessment that measures the Level of Technology Implementation (LOTI), addressing 3 domains for SAISD librarians' administrator in SAISD.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS06 AS07 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services	Data reports for each campus and one report for the district Daily agendas Session evaluations
<p>6.1.2: Use the Big6 Information Problem-Solving approach to guide development of digital content focused on inquiry-based approaches.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services	Lesson plans and activities from each campus
<p>6.1.3: Promote approaches that foster information literacy and appropriate use of Learning Resource Centers and electronic resources such as DKC through Region 20, AIMS DC and Facts on File.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services	Monthly usage statistics Session evaluation of usage
<p>6.1.4: Design and implement Technology Literacy Institute in line with SBEC Standards, including tutorials and online competency assessments.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services	Available tutorials and competency assessments on the ITS web site
<p>6.1.5: Implement an Internet Driver's License program aligned to district, NCLB and state standards, especially Children's Internet Protection ACT (CIPA)</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services	K-5 campus assessment Online assessment for students grades 6-12

GOAL 7: Librarians and library assistants will have the opportunity to participate in staff development.				
<p>OBJECTIVE 7.1: 100% of campus librarians and library assistants will have the opportunity to participate in professional development available in SAISD</p> <p><i>Budget Amount \$156000.00</i> <i>LRPT category: Educator Preparation and Development</i></p> <p>E-Rate Correlates: ER01 ER02 NCLB Correlates: 01 04b 08 09 11 12</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
7.1.1:	<p>Update the district professional development planner to maximize training opportunities for all librarians and library assistants.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS06 AS07 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services	<p>Implementation Plan Calendar ITS Web Site</p>
7.1.2:	<p>Maintain the LMS web site for communication, program awareness, information dissemination and support of online, web-based curriculum modules providing anytime, anywhere access to professional development.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services	<p>Usage survey Hit counter Analysis</p>
7.1.3:	<p>Collaborate with IT office to update the list of librarians who also serve as campus technology representatives to provide monthly representation and campus staff development from each school in the district.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services Dir., Office of Instructional Technology	<p>Resources will be available via the ITS web site Campus Instructional Technologist or Campus Technology Representative at every campus monthly meeting agendas.</p>
7.1.4:	<p>Continue progress and implementation of strategic plans for district, cluster, and campus libraries.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services	<p>LMS website CIP integration per campus</p>

<p>OBJECTIVE 7.2: 100% of librarians and library assistants will have access to online learning resources and tutorials to enhance their professional development.</p> <p><i>Budget Amount \$34500.00</i> <i>LRPT category: Administration and Support Services</i></p> <p>E-Rate Correlates: ER01 ER02 NCLB Correlates: 01 04b 08 09 12</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
7.2.1:	Maintain LMS web site for communication, program awareness, information dissemination and to support online, web-based curriculum modules providing anytime, anywhere access to professional development. Comments: LEA LRPT Correlates: AS04 AS06 AS07 I07 I08 I14 I15 TL04 TL10	2004-2007	Dir., Office of Library Media Services	Usage survey Hit counter Analysis
7.2.2:	Continue to publish a weekly Newsletter that spotlights innovative integration of technology into the curriculum, as well as information literacy and problem-solving for librarians. Comments: LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10	2004-2007	Dir., Office of Library Media Services	Available via the LMS web site
7.2.3:	Provide technology training classes that are research-based and provide participants with innovative tools, instructional models, and resources. Comments: LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10	2004-2007	Dir., Office of Library Media Services Dir., Office of Instructional Technology	Available via the LMS web site

GOAL 8: Online resources and innovative curriculum will be available for students, parents and librarians.			
<p>OBJECTIVE 8.1: 100% of librarians, library assistants and students will have access to online resources that support curriculum and the TEKS</p> <p><i>Budget Amount \$198000.00</i> <i>LRPT category: Teaching and Learning</i></p> <p>E-Rate Correlates: ER01 ER02 NCLB Correlates: 01 04b 08 09 11 12</p>			
<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>8.1.1: Enable the students, teachers, librarians and administrators of SAISD to effectively integrate technology into the teaching and learning in the District.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services Dir., Office of Instructional Technology	Plan and calendar Union catalog
<p>8.1.2: Use AIMS DC digital video distribution system appropriately to enhance learning so as to change the learning process, allowing for greater levels of inquiry, analysis, interest and collaboration, creativity, content production and student achievement.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services Dir., Office of Instructional Technology	Implementation Plan Web Site Calendar
<p>8.1.3: Continue to model use of information problem-solving approach known as the Big6 as a way to help librarians and teachers develop activities at LOTI Level 3 and above.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10</p>	2004-2007	Dir., Office of Library Media Services Dir. of Instructional Services Dir., Office of Instructional Technology	Available via the ITS web site
<p>OBJECTIVE 8.2: 100% of teachers, librarians and students will have access to streaming digital media that supports the curriculum</p> <p><i>Budget Amount \$75000.00</i> <i>LRPT category: Teaching and Learning</i></p> <p>E-Rate Correlates: ER01 ER02 NCLB Correlates: 01 04b 08 09 11 12</p>			
<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>8.2.1: Use digital video distribution system appropriately to enhance learning so as to change the learning process, allowing for greater levels of inquiry, analysis, interest and collaboration, creativity, content production and student achievement.</p> <p>Comments:</p> <p>LEA LRPT Correlates:</p>	2004-2007	Dir., Office of Instructional Technology & Services Dir., Office of Library Media Services	Usage feedback Form

	AS04 AS06 AS07 I03 I08 I14 I15 TL04 TL10			
8.2.2:	Maintain ITS web site components that incorporate digital video/audio that show staff modeling best teaching and learning practices. Comments: LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10	2004-2007	Dir., Office of Instructional Technology & Services Dir., Office of Library Media Services	Usage feedback Form/ Hit Counter

GOAL 9: Strategies will be developed to support library technology infrastructure and provide student use and access of campus libraries.

OBJECTIVE 9.1: 100% of Community Liaisons will learn how technology is used to support teaching, learning and leadership

Budget Amount \$24000.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01 ER02

NCLB Correlates: 04b 08 09 11 12

<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
9.1.1: Maintain ITS web site components that incorporate digital video/audio that show staff modeling best teaching and learning practices. Comments: LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I15 TL04 TL10	2004-2005	Dir., Office of Instructional Technology Services & Dir., Office of Library Media Services	Parent Liaison Pamphlet LMS on-line Parent Resources
9.1.2: Work in collaboration with Area Superintendent staff to facilitate literacy through technology. Comments: LEA LRPT Correlates: AS04 AS06 AS07 I03 I07 I08 I14 I15 TL04 TL10	2004-2005	Dir., Office of Instructional Technology Services & Dir., Office of Library Media Services	Parent Liason Pamphlet LMS on-line Parent Resources

GOAL 10: Provide Telecommunications Services			
OBJECTIVE 10.1: Provide Local Telephone Service to Schools and Administrative Offices			
<p><i>Budget Amount \$2632017.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: NCLB Correlates:</p>			
<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
10.1.1: Release RFP to ensure best pricing for local telephone service. Comments: LEA LRPT Correlates: I02	2004-2007	Senior Network Analyst – Office of Network & Technical Svcs	RFP Released 10/17/2004 Renewable up to five consecutive years.
10.1.2: Apply for e-rate funding to recoup 90% of money spent on local telephone service at schools within the District. Comments: LEA LRPT Correlates: I02	2004-2005	Dir., Office of Operations and Systems Integration	Receipt of funding.
10.1.3: Maintain Local Telephone Service at Administrative Offices and Schools within the District. Comments: LEA LRPT Correlates: I02	2004-2007	Senior Network Analyst – Office of Network & Technical Svcs	Customer feedback.
OBJECTIVE 10.2: Provide Long Distance Telephone Service to Schools and Administrative Offices			
<p><i>Budget Amount \$17000.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: NCLB Correlates:</p>			
<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
10.2.1: Release RFP to ensure best pricing for long distance telephone service. Comments: LEA LRPT Correlates: I02	2004-2007	Senior Network Analyst – Office of Network & Technical Svcs	RFP Released 10/16/2004 Renewable up to five consecutive years.
10.2.2: Apply for e-rate funding to recoup 90% of money spent on long distance telephone service at schools within the District. Comments: LEA LRPT Correlates: I02 I12	2004-2007	Dir., Office of Operations and Systems Integration	Receipt of funding.

10.2.3:	Maintain long distance telephone service at Administrative Offices and Schools within the District. Comments: LEA LRPT Correlates: I02	2004-2007	Senior Network Analyst – Office of Network & Technical Svcs	Customer feedback.
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GOAL 11: Provide management, service and support to make all SAISD software applications and supporting systems available for use 99% of the time.				
OBJECTIVE 11.1: Provide continued support for hardware, Software and Operating Systems for online applications <i>Budget Amount \$75000.00</i> <i>LRPT category: Administration and Support Services</i> E-Rate Correlates: NCLB Correlates: 03				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
11.1.1:	Maintain and manage current applications: AnyQueue, Winocular, Success Maker, and SubFinder Projected Applications: Gradebook Comments: LEA LRPT Correlates: TL07 TL10 TL18	2004-2007	Dir., Office of Operations and System Integration	Operational and application statistical reports, system and error logs
OBJECTIVE 11.2: Manage, maintain and support District Webpages <i>Budget Amount \$60000.00</i> <i>LRPT category: Administration and Support Services</i> E-Rate Correlates: NCLB Correlates:				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
11.2.1:	Manage and maintain department and campus webpages Comments: LEA LRPT Correlates: AS05 AS08 I02 I15	2004-2007	Dir., Office of Operations and System Integration	Customer satisfaction reports
11.2.2:	Manage and maintain Web server and Intranet server Comments: LEA LRPT Correlates: AS05 AS08 I02 I15	2004-2007	Dir., Office of Operations and System Integration	Customer satisfaction reports
OBJECTIVE 11.3: Continue to manage and maintain Email System <i>Budget Amount \$120000.00</i> <i>LRPT category: Administration and Support Services</i> E-Rate Correlates: NCLB Correlates:				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>

11.3.1:	Maintain and manage Exchange servers and user accounts Comments: LEA LRPT Correlates: AS08 I02 TL10	2004-2007	Dir., Office of Operations and System Integration	System reports
11.3.2:	Maintain and manage I-mail server and user accounts Comments: LEA LRPT Correlates: AS08 I02 TL10	2004-2007	Dir., Office of Operations and System Integration	System reports
OBJECTIVE 11.4: Provide and maintain District internet access <i>Budget Amount \$75000.00</i> <i>LRPT category: Infrastructure for Technology</i> E-Rate Correlates: ER01 NCLB Correlates:				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
11.4.1:	Continued monitoring and maintenance of Servers and equipment associated with the District internet access Comments: LEA LRPT Correlates: AS05 AS08 I02 I10 TL07	2004-2007	Dir., Office of Operations and System Integration	System Reports
11.4.2:	Manage and maintain SPAM filtering software Comments: LEA LRPT Correlates: AS05 AS08 I02 I10 TL07	2004-2007	Dir., Office of Operations and System Integration	Customer satisfaction reports, System Reports
11.4.3:	Manage and maintain virus filtering software Comments: LEA LRPT Correlates: AS05 AS08 I02 I10 TL07	2004-2007	Dir., Office of Operations and System Integration	Customer satisfaction reports, System Reports
11.4.4:	Manage and maintain DNS servers Comments: LEA LRPT Correlates: AS05 AS08 I02 I10 TL07	2004-2007	Dir., Office of Operations and System Integration	System Reports
OBJECTIVE 11.5: Replace Support Servers <i>Budget Amount \$160000.00</i> <i>LRPT category: Infrastructure for Technology</i> E-Rate Correlates: NCLB Correlates:				

<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
11.5.1:	Replace Intranet and I-mail servers Comments: LEA LRPT Correlates: AS08 I02 I10 I14 TL10	2005-2006	Dir., Office of Operations and System Integration	System Reports
11.5.2:	Replace three Exchange servers, DNS, Web servers Comments: LEA LRPT Correlates: AS08 I02 I10 I14 TL10	2006-2007	Dir., Office of Operations and System Integration	System Reports
11.5.3:	Replace two Exchange servers Comments: LEA LRPT Correlates: AS08 I02 I10 I14 TL10	2006-2007	Dir., Office of Operations and System Integration	System Reports
<p>OBJECTIVE 11.6: Server Warranty Renewals</p> <p><i>Budget Amount \$36000.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: NCLB Correlates:</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
11.6.1:	Renew Warranty for Web Server, 3 Exchange servers, Exchange Storage Comments: LEA LRPT Correlates: AS08 I02 I10 I14 TL10	2005-2006	Dir., Office of Operations and System Integration	System Reports
11.6.2:	Renew Warranty for Tape backup server, SMTP Filter, Fiber Switch Comments: LEA LRPT Correlates: AS08 I02 I10 I14 TL10	2006-2007	Dir., Office of Operations and System Integration	System Reports

GOAL 12: Provide project management support for technology related initiatives.			
<p>OBJECTIVE 12.1: Ensure all technology projects are coordinated with all stakeholders to overcome obstacles and guarantee success.</p> <p><i>Budget Amount \$225000.00</i> <i>LRPT category: Administration and Support Services</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 03 05</p>			
<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
12.1.1: Track and oversee the implementation of district approved plans involving new technology and automation of current processes Comments: LEA LRPT Correlates: AS01 AS02 AS03 AS08	2004-2007	Dir., Office of District Initiatives and Special Projects	Meeting project goals and timelines
12.1.2: Oversee procurement process for technology purchases in excess of \$25,000 Comments: LEA LRPT Correlates: AS01 AS02 AS03 AS08	2004-2007	Dir., Office of District Initiatives and Special Projects	Procurement process
<p>OBJECTIVE 12.2: Oversee technology purchases and ensure alignment with District goals.</p> <p><i>Budget Amount \$135000.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 03 05</p>			
<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
12.2.1: Screen and approve all requests for hardware and software Comments: LEA LRPT Correlates: I01 I03 I04 I05 I06 I08 I14	2004-2007	Dir., Office of District Initiatives and Special Projects	Purchase order logs
12.2.2: Assure that all purchases are aligned with the appropriate Campus Improvement Plan and the District ePlan Comments: LEA LRPT Correlates: I01 I03 I04 I05 I06 I08 I14	2004-2007	Dir., Office of District Initiatives and Special Projects	Alignment check with the ePlan
12.2.3: Ensure campuses are adhering to the Campus Base Technology Plan when making technology purchases Comments:	2004-2007	Dir., Office of District Initiatives and Special Projects	Campus Base Technology Plan

	LEA LRPT Correlates: I01 I03 I04 I05 I06 I08 I14			
12.2.4:	Develop and maintain a plan for replacement of computer equipment as it reaches obsolescence Comments: LEA LRPT Correlates: I01 I03 I04 I05 I06 I14	2004-2007	Dir., Office of District Initiatives and Special Projects	Fixed assets data
12.2.5:	Oversee technology procurement and ensure that equipment purchased meets SAISD standards for hardware specifications and for service and support Comments: LEA LRPT Correlates: I01 I03 I04 I05 I06 I08 I14	2004-2007	Dir., Office of District Initiatives and Special Projects	SAISD hardware standards and scope of work for computer equipment

GOAL 13: Provide access to current technology for all teachers, administrators and students.			
<p>OBJECTIVE 13.1: Each and every student will have access to an instructional computer.</p> <p><i>Budget Amount \$1545000.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: NCLB Correlates: 01 03</p>			
<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
13.1.1: Provide mobile, wireless laptops to schools Comments: LEA LRPT Correlates: I03 I04 I08 I14	2004-2007	Dir., Office of District Initiatives and Special Projects	Fixed assets inventory and Campus Access Survey (CAS)
13.1.2: Purchase asset recovery and tracking software Comments: LEA LRPT Correlates: I03 I04 I05 I08 I14	2004-2007	Dir., Office of District Initiatives and Special Projects	Procurement records
13.1.3: Assure that all purchases are aligned with the appropriate Campus Improvement Plan and the District ePlan Comments: LEA LRPT Correlates: I03 I04 I05 I08 I14	2004-2007	Dir., Office of District Initiatives and Special Projects	Alignment check with the ePlan
13.1.4: Ensure campuses are adhering to the Campus Base Technology Plan when making technology purchases Comments: LEA LRPT Correlates: I03 I04 I05 I08 I14	2004-2007	Dir., Office of District Initiatives and Special Projects	Campus Base Technology Plan
<p>OBJECTIVE 13.2: Provide a laptop for every teacher.</p> <p><i>Budget Amount \$5250000.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: NCLB Correlates: 01 03</p>			
<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
13.2.1: Provide a laptop for every teacher. Comments: LEA LRPT Correlates: I06 I08	2004-2007	Dir., Office of District Initiatives and Special Projects	Fixed assets inventory and Campus Access Survey (CAS)

13.2.2:	Purchase asset recovery and tracking software. Comments: LEA LRPT Correlates: I06 I08	2004-2007	Dir., Office of District Initiatives and Special Projects	Procurement records
13.2.3:	Develop and maintain procedure for use of mobile technology at work and at home Comments: LEA LRPT Correlates: I06 I08	2004-2007	Dir., Office of District Initiatives and Special Projects	District policy and procedure

GOAL 14: Plan for coordinating activities funded through the Ed Tech program with technology-related activities supported with funds from other Federal, State, and local sources				
OBJECTIVE 14.1: Effectively integrate technology resources and systems with teaching and curriculum. <i>Budget Amount \$0.00</i> <i>LRPT category: Teaching and Learning</i> E-Rate Correlates: NCLB Correlates: 06 07 12				
Strategies		Timeline:	Person(s) Responsible:	Evidence:
14.1.1:	Encourage the effective integration of technology resources and systems with online teacher training and curriculum development to increase student achievement through the use of technology for elementary and middle schools. Comments: LEA LRPT Correlates: AS01 TL08	2004-2007	Director, Curriculum Management	<ul style="list-style-type: none"> -Professional development is tracked through an online web conferencing system. -Teachers are required to submit student products with the appropriate lesson plans which will be shared among their peers. -All teachers are required to present one of their technology integration products at the TARGET fair.

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$520000.00

Method of application for formula funds: Local Application

Budget year 2004		
Budget item	Cost	Funding Sources with %
Staff Development	\$2704000.00	85.7% Local, 13.8 State Technology, .5% NCLB
Telecommunications & Internet Access	\$1272385.88	90% E-rate, 10% Local
Materials & Supplies	\$44000.00	Local
Equipment	\$5860000.00	97% Local, 1% State Technology, 2% E-rate
Maintenance	\$989339.00	10% Local, 90% E-rate
Miscellaneous Expenses	\$120000.00	Local
Total	\$10,989,724.88	

Budget year 2005		
Budget item	Cost	Funding Sources with %
Staff Development	\$2704000.00	85.7% Local, 13.8 State Technology, .5% NCLB
Telecommunications & Internet Access	\$1272385.88	90% E-rate, 10% Local
Materials & Supplies	\$44000.00	Local
Equipment	\$524000.00	97% Local, 1% State Technology, 2% E-rate
Maintenance	\$1119339.00	10% Local, 90% E-rate
Miscellaneous Expenses	\$120000.00	Local
Total	\$5,783,724.88	

Budget year 2006		
Budget item	Cost	Funding Sources with %
Staff Development	\$2704000.00	85.7% Local, 13.8 State Technology, .5% NCLB
Telecommunications & Internet Access	\$1272385.88	90% E-rate, 10% Local
Materials & Supplies	\$44000.00	Local
Equipment	\$636000.00	97% Local, 1% State Technology, 2% E-rate
Maintenance	\$1115339.00	10% Local, 90% E-rate
Miscellaneous Expenses	\$120000.00	Local
Total	\$5,891,724.88	

Evaluation

Evaluation Process:

5.1 Evaluation Process

The purpose of the evaluation is to establish a baseline set of data. The data will be used to align professional development, classroom instructional practices with mandates for ensuring quality, research-based professional development. The evaluation plan incorporates both quantitative and qualitative data to provide a comprehensive and balanced record of project implementation and of the impact of the use and incorporation of technology in teaching, learning, and administrative tasks. These interventions will be measured against established benchmarks, and the reevaluation will be performed on an annual basis through the use of the LOTI. Findings will be posted on the web site, shared with principals at Summer Summit conferences, and publicized at Campus Technology Representative Meetings.

The following accountability methods and measures that will be used to evaluate the extent to which activities are effective in:

- Integrating technology into curriculum and instruction; the STaR Chart and LOTI will be used for this, as will observational frameworks.
- Increasing the ability to teachers to teach.
- Enabling students to read challenging state academic standards.
- Acquiring and deploying technology and telecommunication services.
- Meeting timelines for implementation.

The SAISD Evaluation Process facilitators will conduct the evaluation and report the findings of the project components using formative (ongoing) and summative (project impact) evaluation methods using indicators adapted from recognized sources.

Benchmarks record and monitor the project's progress:

- Pre-Intervention survey sets baseline
- Post-Intervention survey measures outcomes and identifies areas of need
- Professional development evaluations record the quality, type, and degree of professional development
- Participants' electronic portfolios provide rich information regarding the change in the level of use and incorporation of technology
- On-site observations provide ongoing monitoring of plan implementation
- Formal and informal interviews or focus groups of stakeholders and participants measure specific intervention impact.

This plan will be revised on an annual basis as needed but not less than once every three years.

Evaluation Method:

5.2 Evaluation Methods

Data collection and analysis will occur in three areas: a) Process evaluation; b) Product evaluation; and c) Monitoring or formative evaluation to provide technical assistance and guidance for adjustments or revisions of plan strategies. The methods/indicators may include, but not be limited to, those discussed below.

This evaluation seeks to address both process and product. In evaluating the process, there are three foci; these include the following: a) Planning, management and Collaboration; b) Implementation evaluation; and c) Professional development.

In evaluating the first process item, there are several critical components. Those include meetings with campus technology representatives, campus instructional technologists, as well as collaborative meetings with Curriculum and Instruction Department. Methods and indicators for assessing Planning, Management and Collaboration include on-site observations and formal/informal interviews.

The second process item is implementation evaluation. Components for this item include various activities, alignment to the State's Long Range Plan for Technology, StaR Chart, and the Levels of Technology Implementation (LOTI) framework. Pre-Intervention methods and/or indicators include the district and campus StaR Chart, the LOTI Questionnaire, and Taking a Good Look at Instructional Technology (TAGLIT). Post-intervention methods include the LOTI Questionnaire that will be administered on an annual basis as funds permit.

The third process item is Professional Development. Professional development has several components, including curriculum and the technology competency certification plan (TCCP). Methods/indicator that will be used to assess Professional Development include workshop evaluations, formal/informal interviews, on-site observations, and document tracking via the Instructional Technology web site.

However, process is only one part of an evaluation. The second part is the product that results from the process. In evaluating the product, the impact on teaching, learning and administrative tasks is the primary focus. Critical components include frequency of technology use, incorporation of technology and educator to workstation ratio. These are evaluated through a variety of indicators, including the StaR Chart and LOTI Questionnaire as pre/post surveys. Also included are the campus access surveys, a survey completed by campuses on a continuous basis.

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

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