

LA PORTE ISD Technology Plan

2004 - 2005

MOLLY HELMLINGER

SUPERINTENDENT

DISTRICT PROFILE

ESC Region	4
Address	1002 SAN JACINTO ST
City, State Zip	LA PORTE, TX 775716496
Phone	(281) 604-7015
Fax	(281) 604-7020
County District Number	101916

Number of Campuses	11
Total Student Enrollment	7,756
District Size	5,000 - 9,999
Percent Econ. Disadvantaged	29.39%

Technology Expenditures	\$2,356,642.00	
Technology budgets reported in plan by category	Teaching and Learning Budget	\$0.00
	Educator Preparation and Development Budget	\$893,690.00
	Administration and Support Services Budget	\$590,672.00
	Infrastructure for Technology Budget	\$872,280.00
	Total:	\$2,356,642.00
Technology Expenditure Per Pupil	\$303.85	
Number of Campuses with Direct Connection to Internet	11	
Percentage of Campuses with Direct Connection to Internet	100.00%	
Number of Classrooms with Direct Connection to Internet	489	
Percentage of Classrooms with Direct Connection to Internet	100.00%	
Computer/Student Ratio	3 student(s) for every computer	
Computer/Teacher Ratio	1 teacher(s) for every computer	
Number of campuses that need to complete the Texas Campus STaR Chart	10	
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %	

Plan Introduction

Last Updated 04/14/2004

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

Technology Planning Committee

Mark Gabehart, Chuck Davis, Rosena Garcia, ChiChiu Wu, Alan Lee, Ken Bates, Donna Batson, Chad Cox, Robin Elder, Barbara Farmer, Vickie Gentile, Gary Holmes, Mike McPhail, Carol Tribble, Dawn Webb, and Deon Williams

Executive Summary

The La Porte Independent School District Technology Plan is intended to cover all aspects of the use of technology in the District for the next school year (2004 - 2005). The Goal, objectives, and strategies, as well as the mission and vision for technology are aligned with those set by the Board for our District. We have also designed the plan to implement the La Porte Technology Integration Model in order to achieve an Exemplary rating in the state accountability system. Because technology is a moving entity, the Plan is intended as a framework that we can build on, but not as an end all. All students and employees of the District will benefit from this Plan. This document represents a "work-in-progress" plan. As the Plan is evaluated, items of need will be added and those that have been completed will be removed.

Needs Assessment

Assessment Process:

A comprehensive needs assessment was conducted utilizing:

- the Texas STaR Chart,
- LoTi (Level of Technology Implementation) surveys of all teachers and campus administrators,
- TAGLIT (Taking a Good Look at Technology) surveys of representative samples of students, teachers, and campus administrators,

- various district-developed online surveys of staff (staff development from Region IV and Washington Mutual),
- a comprehensive curriculum audit,
- a network infrastructure study, and
- the District (Board of Trustee's) Goals

to analyze the current status of technology in the district and determine future needs. The items we analyzed included student achievement, courses, programs, technology resources, staff development, infrastructure, staffing, hardware, software, and technical support.

Existing Conditions:

Findings from the Texas STaR Chart, LoTi and TAGLIT surveys indicated that access to classroom technology and the Internet in particular, are generally adequate although problematic in some situations. Most teachers and staff are comfortable using technology for their own personal productivity. However the use of technology and/or the Internet in the classroom to implement or encourage higher order thinking skills was generally not present.

The curriculum audit found the existing curriculum to be inadequate to meet the demands of high-stakes testing and accountability. Lack of benchmarks makes assessment of progress difficult.

The network infrastructure study found that although connectivity was widespread (100% of classrooms connected), network performance was inadequate in many instances due to ad hoc network growth and the resulting cascading of network switches. Much of the core and edge network equipment is nearing "end-of-life" and needs to be replaced/upgraded. The current VLAN configuration is inefficient and overloads the router. The network backbone is ATM (obsolete). The current Internet connection has adequate bandwidth for present needs but must be increased to meet future requirements. The current connection is to a single Internet POP and lacks a redundant route.

District developed surveys on staff development and technology implementation indicated most staff are probably at a LoTi Level 2. They feel they have the needed tools but need extra assistance to move from exploration to integration. The staff rely heavily on campus-based ACES to embed technology into our curriculum.

Technology Needs:

The needs assessment process identified several needs and issues to be addressed. Now that teachers and staff have access to, and are familiar with, the use of technology and computers we need to use this technology to enhance students' higher order thinking skills. Staff development and more formal expectations and systematic planning for using technology to enhance higher order thinking are needed. A major initiative will be Intel Teach to the Future tied to technology incentives.

The curriculum should be tightly aligned with the TEKS and maps of the curriculum to the calendar should be developed or refined. Benchmark data to assess student progress (along with historical assessment data) need to be easily available on a teachers computer on a near real-time basis. A Curriculum Management System is needed to provide a single repository of these assessments, lessons, and resources for instructional staff.

A 6th Grade Technology Applications course is needed in order to meet the Technology Applications requirement.

Network performance and robustness must be continually improved to provide for the increasing demands and expectations of District users. We will continue to refine and improve the conversion to gigabit Ethernet. A redundant route to the Internet backbone is needed to increase reliability, along with appropriate VLAN configuration. The network electronics need to be replaced/upgraded. Provision for additional bandwidth will likely be needed in the next year.

Staff development needs to focus on providing extra assistance to teachers with projects that integrate technology into their curriculum.

Goals, Objectives, and Strategies

GOAL 1: Develop and initiate the implementation of the La Porte Technology Integration Model in order to achieve a Recognized rating in the state accountability system.

OBJECTIVE 1.1: Increase the Levels of Technology Implementation (LoTi) by one or more levels.

Budget Amount \$893690.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 02 03 04a 04b 06 07 08 11 12

Strategies	Timeline:	Person(s) Responsible:	Evidence:
<p>1.1.1: Utilize campus computer labs for implementing technology integration using standardized, site licensed software to support technology integration projects.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS06 AS08 EP02 EP03 EP04 EP05 EP06 EP08 EP09 EP10 EP13 I04 I07 I08 I10 TL01 TL03 TL05 TL06 TL07 TL08 TL09 TL11 TL12 TL15 TL16 TL17 TL18 TL19 TL20</p>	August 2004 - May 2005	Technology Division	ACES (Academic Computer Educational Specialists) feedback and technology integration projects
<p>1.1.2: Use the LoTi survey data to determine staff development needs.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS02 AS03 AS06 AS08 EP02 EP03 EP04 EP05 EP07 EP08 EP09 EP12 EP13 I01 I03 I06 I07 I08 I10 I13 TL01 TL02 TL03 TL04 TL05 TL06 TL07 TL08 TL09 TL10 TL13 TL14 TL15 TL16 TL17 TL18 TL19 TL20</p>	September 2004 – May 2005.	Director of Instructional Technology and ACES.	Development and implementation of LoTi campus plans.
<p>1.1.3: Require district teachers to produce technology integration projects with their students. (K-8 teachers produce 4 projects and 9th – 12th produce 2 projects).</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS02 AS03 AS06 AS07 AS08 EP01 EP02 EP03 EP04 EP05 EP06 EP07 EP08 EP09 EP10 EP11 EP12 EP13 I01 I03 I06 I07 I08 I10 I13 TL01 TL02 TL03 TL04 TL05 TL06 TL07 TL08 TL09 TL10 TL11 TL12 TL13 TL14 TL15 TL16 TL17 TL18 TL19 TL20</p>	August 2004 – May 2005	District teachers, ACES, and Instructional Technology Assistants.	Teacher portfolios, student projects, and computer lab usage study.
<p>1.1.4: Provide opportunities to meet District technology and curriculum staff development requirements over a three year period.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS06 AS08 EP01 EP03 EP04</p>	July 2004 – June 2005	Director of Instructional Technology, ACES, and Curriculum Dept.	Professional Development Planner for registration and certificates of completion.

	EP05 EP07 EP08 EP09 EP10 EP11 EP12 EP13 I06 I07 I10 TL03 TL04 TL05 TL07 TL08 TL09 TL16 TL17 TL18 TL19 TL20			
1.1.5:	Attend grade level, team, or content area planning with teachers to develop technology projects with teachers. Comments: LEA LRPT Correlates: AS01 AS02 AS03 AS06 AS07 AS08 EP02 EP03 EP04 EP05 EP06 EP07 EP08 EP09 EP10 EP11 EP12 EP13 I01 I06 I07 I08 I10 I13 TL01 TL02 TL03 TL04 TL05 TL06 TL07 TL08 TL09 TL10 TL11 TL12 TL14 TL15 TL16 TL17 TL18 TL19 TL20	August 2004 – May 2005	ACES	Teacher portfolios, student projects, and computer lab usage study.
1.1.6:	Provide "Intel Teach to the Future" staff development to teachers in LPISD. Comments: LEA LRPT Correlates: AS01 AS03 AS08 EP01 EP02 EP03 EP04 EP05 EP08 EP09 EP10 EP11 EP12 EP13 I01 I06 I07 I08 I10 I13 I14 TL01 TL02 TL03 TL04 TL05 TL06 TL07 TL08 TL09 TL10 TL11 TL12 TL13 TL14 TL15 TL16 TL17 TL18 TL19 TL20	June 2004 – March 2005	Technology Department and LPISD Intel Master Teachers	Completion of Intel Teacher certification track by Intel and products developed by participating teachers as part of program.
1.1.7:	Provide Technology Applications and Career and Technology teachers the opportunity to develop curriculum maps based on their respective TEKS. Correlate projects and activities with content area TEKS. Comments: LEA LRPT Correlates: AS01 AS02 AS03 AS06 AS07 AS08 EP01 EP02 EP03 EP04 EP05 EP06 EP07 EP08 EP09 EP10 EP11 EP12 EP13 I01 I04 I05 I06 I07 I08 I10 I13 I14 TL01 TL02 TL03 TL04 TL05 TL06 TL07 TL08 TL09 TL10 TL11 TL12 TL13 TL14 TL15 TL16 TL17 TL18 TL19 TL20	June 2004 – July 2005	Technology department, Technology Applications teachers and Career & Technology teachers	Published curriculum maps with activities
1.1.8:	Hold a District Technology Fair to showcase student and teacher technology projects created throughout the school year. Comments: LEA LRPT Correlates: AS01 AS02 AS03 AS06 AS07 AS08 EP02 EP03 EP04 EP05 EP06 EP07 EP08 EP09 EP10 EP11 EP12 EP13 I01 I02 I03 I06 I07 I08 I10 I11 I12 I13 TL01 TL02 TL03 TL04 TL05 TL06 TL07 TL08 TL09 TL10 TL11 TL12 TL13 TL14 TL15 TL16 TL17 TL18 TL19 TL20	October 2004	Instructional Technology Director, ACES, district teachers and students	Teacher / student projects and network drives

1.1.9:	Provide Plato software at DeWalt Alt School and LP High School for the district to address credit recovery and remediation for students in need. Comments: LEA LRPT Correlates: AS01 AS02 AS03 AS06 AS07 AS08 EP01 EP02 EP03 EP04 EP05 EP06 EP07 EP08 EP09 EP10 EP11 EP12 EP13 I01 I02 I03 I04 I05 I06 I07 I08 I10 I11 I12 I13 I14 TL01 TL02 TL03 TL04 TL05 TL06 TL07 TL08 TL09 TL10 TL11 TL12 TL13 TL14 TL15 TL16 TL17 TL18 TL19 TL20	August 2004 – May 2005	Instructional Technology Director, ACES at DeWalt, campus administrators, campus teachers	Plato reports
1.1.10:	Make instruction use of videoconferencing equipment within our district. Comments: LEA LRPT Correlates: AS01 AS02 AS03 AS06 AS07 AS08 EP02 EP03 EP04 EP05 EP08 EP09 EP10 EP11 EP12 EP13 I01 I03 I07 I08 I10 I13 I14 TL01 TL02 TL03 TL04 TL05 TL06 TL07 TL08 TL09 TL10 TL11 TL12 TL13 TL14 TL15 TL16 TL17 TL18 TL19 TL20	August 2004 - May 2005	Technology Department and ACES	Logs of videoconferencing and student projects / activities from videoconferencing sessions.
1.1.11:	Implement student-safe email accounts using Gaggie.net for all secondary students (6 - 12 grade) Comments: LEA LRPT Correlates: TL01 TL02 TL03 TL04 TL06 TL07 TL08 TL10	July 2004 - June 2005	Director of Instructional Technology Director of Web Applications ACES Principals Teachers	Safe and responsible student use of email.
1.1.12:	Implement Baker 6th Grade Technology Applications lab and high school Technology Integration lab. Comments: LEA LRPT Correlates: AS01 AS03 EP02 I02 I14 TL01 TL02 TL07 TL08 TL19	July 2004 - June 2005	Director of Instructional Technology ACES Principals	Functional labs and appropriate instruction on both campuses.
1.1.13:	Provide Learning Key online tutorials for Technology Applications and CATE students (Microsoft, Adobe, and Macromedia applications). Comments: LEA LRPT Correlates: TL01 TL02 TL11 TL16 TL18	July 2004 - June 2005	Director of Instructional Technology Technology Applications and CATE Teachers	Successful enrollment and participation by students.

OBJECTIVE 1.2: Eliminate by 20% the redundancy and error rate of data entry in all departments.

Budget Amount \$389015.00

LRPT category: Administration and Support Services

E-Rate Correlates: ER01 ER02

NCLB Correlates: 12

<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
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1.2.1:	Establish baseline for data entry. Comments: LEA LRPT Correlates: AS02 AS04	November 2004 – January 2005	Information Systems (PEIMS, CIMS, SASIxp), Web Applications, Human Resources, Business, and Curriculum Staff	Design survey to establish time spent on redundant data entry
1.2.2:	Evaluate the need of the staff and offer regular training. Comments: LEA LRPT Correlates: AS02 AS08	November 2004 – January 2005	Information Systems (PEIMS, CIMS, SASIxp), Web Applications, Human Resources, Business, and Curriculum Staff	Needs assessment. Staff Development. Track attendance in scheduled classes.
1.2.3:	Interface various departmental applications to reduce level of manual data entry. Comments: LEA LRPT Correlates: AS02 AS08	Subfinder Oct2004 – December 2004 Humana/CIMS November 2004– January 2005 Winnocular February 2005 – March 2005 Kronos January 2005 – May 20045Nurses State Compliant November 2004 – March 2005	Information Systems (PEIMS, CIMS, SASIxp), Web Applications, Human Resources, Business, and Curriculum Staff	Document work and procedures.
1.2.4:	Provide appropriate documentation on all data entry processes. Make training materials available online. Comments: LEA LRPT Correlates: AS02 AS03 AS05	December 2004 – August 2005	Vendors. IS Staff. Web application Staff	Intranet, research and testing.
1.2.5:	Ensure data integrity through a systematic auditing process. Comments: LEA LRPT Correlates: AS01 AS02 AS05	September 2004 – August 2005	IS staff	Periodic reporting and verifying results with various departments.
1.2.6:	Improve implementation of electronic gradebook & attendance program at all campuses. Comments: LEA LRPT Correlates: AS01 AS02 AS03 AS04	July 2004 to June 2005	Information Systems Department Web Applications Department	Train teachers to use programs.
1.2.7:	Expand availability of parent access to student records. Comments: LEA LRPT Correlates: AS01 AS04 AS05	August 2004 to June 2005	Information Systems Department Web Applications Department	Encourage and train campus staff to register parents.
1.2.8:	Design and implement a Disaster Recovery Plan for La Porte ISD. Comments: LEA LRPT Correlates: AS01 I01 I08 I10 TL19	July 2004 - June 2005	Director of Information Systems	Approved Plan
1.2.9:	Continue to improve implementation of Triand online products including Texas Primary Reading Inventory (TPRI, Tejas	July 2004 - June 2005	Information Systems Department	Increased use with greater proficiency by instructional staff.

	LEE, WEST transcripts, and STAR. Comments: LEA LRPT Correlates: AS01 AS02 AS03 EP07 EP08 EP13 I03 I11 I13 TL01 TL07 TL11 TL19			
OBJECTIVE 1.3: Increase by 25% the number of visits per day to the district, departmental, and campus web sites in order to improve communication and productivity. <i>Budget Amount \$201657.00</i> <i>LRPT category: Administration and Support Services</i> E-Rate Correlates: ER01 ER02 NCLB Correlates: 01 02 03 04a 04b 05 06 07 09 11 12				
Strategies	Timeline:	Person(s) Responsible:	Evidence:	
1.3.1:	Enhance promotion and coordination of events on district, departmental, & campus web-based calendars by converting from present calendar system to SchoolCenter and EdSoft calendars. Continue to coordinate with "calendar keepers." Comments: LEA LRPT Correlates: AS01 AS03 AS05 AS07 I09 I15 TL08 TL17 TL21	July 15 August 12 Ongoing	Web Site Coordinator (Miller), Communications Dept.	Working calendars for each department and campus. All calendars populated with appropriate data. Monitor maintenance and consistency of calendar data.
1.3.2:	Promote Professional Development Planner (PDP) for registration and tracking of professional and paraprofessional training, both on contract and after hours. Comments: LEA LRPT Correlates: AS02 AS03 AS07 AS08 EP01 EP02 EP03 EP07 EP08 EP09 EP13 TL03 TL07 TL08	Ongoing (July 2004 - June 2005)	Database Coordinator (Ward), Associate Superintendent of Instruction (Livaudais), Executive Director of Technology (Gabehart)	registrations and database of staff development attendance
1.3.3:	Continue development of online NCLB tracking system to monitor progress of "highly qualified" teachers. Comments: LEA LRPT Correlates: AS02 AS03 TL03 TL07	July 2004 - December 2004	Database Coordinator Executive Director of Human Resources	Development of working prototype. Refine prototype and develop first model for user testing. Rollout first version in production environment.
1.3.4:	Continue to separate web page content and structure from presentation using Cascading Style Sheets (CSS). Develop customized presentations (style sheets) to meet current accessibility standards. Comments: LEA LRPT Correlates: AS04 AS05 I02 I07 I09 I15 TL08 TL10 TL17 TL19 TL21	July 2004 - June 2005	Director of Web Applications Web Site Coordinator (Miller) Database Administrator	Functional prototype. Update existing pages to use alternate stylesheets.
1.3.5:	Update the design and theme of the district intranet web site, using CSS-based templates in SchoolCenter (Portal) to empower non-technical	September 2004 - December 2004	Director of Web Applications (Davis); Web Site Coordinator (Miller);	Functional prototype developed for review; Update existing pages to new design

	<p>content contributors.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS03 AS04 AS05 AS07 AS08 EP03 EP07 EP08 EP10 I02 I15 TL03 TL07 TL09 TL10 TL11 TL18 TL19 TL21</p>		Database Administrator (Ward)	
1.3.6:	<p>Revise, update, and supplement existing campus and departmental Internet and intranet web pages, using SchoolCenter to empower non-technical content contributors.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS05 I02 I07 I09 TL08 TL10 TL16 TL17 TL19 TL21</p>	Ongoing	Web Site Coordinator (Miller) Director of Web Applications (Davis)	Web pages updated with current or new content.
1.3.7:	<p>Develop, support and implement departmental and campus web site standards and page templates using the SchoolCenter portal.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS04 AS05 I02 I07 I09 TL08 TL10 TL16 TL17 TL19 TL21</p>	Dec 15, 2004	Web Site Coordinator Director of Web Applications	Content-rich campus and departmental web sites with a consistent look and feel.
1.3.8:	<p>Support departmental needs for web-based data collection, surveys, forms, and reports.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS02 AS03 AS07 EP07 I01 I08 TL02 TL09 TL12</p>	Oct 20, 2004 Aug 30, 2005 Dec 1, 2003	Database Administrator (Ward) Director of Web Applications (Davis)	Develop and support web-based First Grade report card Provide web-based bus route information from EduLog data Provide web-based lab and resource tracking and scheduling
1.3.9:	<p>Develop and provide training opportunities for campus and departmental web authors.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS08 EP03 EP08 EP09 I07 TL03</p>	Sep 1, 2003 Ongoing	Web Site Coordinator (Miller) Director of Web Applications (Davis) Database Administrator (Ward)	Provide training to campus and departmental web calendar managers; Provide training to campus and departmental web authors
1.3.10:	<p>Provide near-real time access, through EdSoft, to student benchmark assessments, gradebook data, curriculum documents, and resources for teachers, students, parents, and administrators through the Internet and a browser-based interface.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 AS02 AS03 AS04 AS05 AS08 EP07 EP13 I01 I08 I12 TL02 TL11 TL21</p>	July 2004 to June 2005	Database Administrator Director of Information Systems Director of Web Applications Director of Instructional Technology Academic Computer Educational Specialists	Implementation of benchmark assessment reporting Implementation of teacher gradebook Convert existing curriculum maps to EdSoft format and enter into the database Web-presence for parents
1.3.11:	<p>Implement mVal web-based teacher appraisal system with eTeacher electronic teacher portfolio (directly tied to PDAS appraisal items) and teacher self-appraisal software. Implement ePrincipal to provide PDA access to</p>	July 2004 - June 2005	Director of Web Applications Director of Secondary Education Director of Elementary Education	Teacher appraisals Teacher self-appraisals Teacher portfolios directly tied to PDAS assessment items PDA-accessible student

	student demographics and grades. Comments: LEA LRPT Correlates: AS01 AS02 AS03 AS08 EP07 TL11 TL13 TL19		Director of Instructional Technology Principals ACES Teachers	demographics and grades
1.3.12:	Provide web-based staff development for teachers and instructional staff on a wider variety of subjects than we are able to support with in-house staff and on an anytime, anywhere basis for staff that find district provided staff development inconvenient. Comments: LEA LRPT Correlates: EP11 EP12 TL18	July 2004 through June 2005	Director of Web Applications Director of Instructional Technology ACES	Mastery of online staff development by participants as evidenced in MindLeaders tracking reports.
OBJECTIVE 1.4: Increase to 95% the availability of network services. <i>Budget Amount \$872280.00</i> <i>LRPT category: Infrastructure for Technology</i> E-Rate Correlates: NCLB Correlates: 01 03 11 12				
Strategies		Timeline:	Person(s) Responsible:	Evidence:
1.4.1:	Establish outage and performance baselines. Comments: LEA LRPT Correlates: I02	July 2004 – June 2005	Technology staff	Management software, staff assessment and testing
1.4.2:	Increase uptime on all server applications Comments: LEA LRPT Correlates: I02 I15	July 2004 – June 2005	Technology staff	Management software, staff assessment and testing
1.4.3:	Reduce down time for personal computers through the work order system. Comments: LEA LRPT Correlates: I02 I07 I15	July 2004 – June 2005	Technology staff	Work Order Assessment; Efficiency; Management Software; Customer Services Survey
1.4.4:	Implement inventory and asset tagging system. Comments: LEA LRPT Correlates: I02 I14 I15	July 2004 – January 2005	Technology staff	Management software, staff assessment and testing.
1.4.5:	Upgrade Cisco Catalyst switches within the network infrastructure. Comments: LEA LRPT Correlates: I02 I07 I14 I15	July 2004 – June 2005	Technology staff	Purchase orders, management software, staff assessment and testing.

1.4.6:	Add additional storage to Storage Area Network (SAN). Comments: LEA LRPT Correlates: I02 I15	July 2004 – June 2005	Technology staff	Management software, staff assessment and testing
1.4.7:	Document policies and procedures for the management of Microsoft Windows Active Directory Services, Network infrastructure, and develop Desktop policies. Comments: LEA LRPT Correlates: I02	July 2004 – June 2005	Technology staff	Management software, staff assessment and testing.
1.4.8:	Upgrade computer lab network switches. Comments: LEA LRPT Correlates: I02 I14 I15	October 2004 – June 2005	Technology staff	Management software, staff assessment and testing
1.4.9:	Provide bandwidth monitoring services (Packateer). Comments: LEA LRPT Correlates: I02 I10	October 2004 – June 2005	Technology staff	Staff assessment and testing and management software.
1.4.10:	Implement a network security assessment. Comments: LEA LRPT Correlates: I02 I10 I15	October 2004 – June 2005	External vendor	Management software, staff assessment and testing
1.4.11:	Continue to support and expand the use of the Mitel PBX system and the Nextel wireless phones/radios. Comments: LEA LRPT Correlates: AS03 AS04 AS05 AS08 I02 I09 I15	July 2004 - June 2005	Director of Network Services Network Services Staff	Functional phone system that meets the needs of employees and District patrons.
1.4.12:	Continue to refine network upgrade to gigabit Ethernet. Replace consolidation point switches districtwide. Comments: LEA LRPT Correlates: I02 I10 I14	July 2004 - June 2005	Director of Network Services Network Services Staff	Efficient network with less than 5% downtime
1.4.13:	Provide redundancy for VLAN, Internet access, and Storage Area Network. Comments: LEA LRPT Correlates: I01 I08 I10 I14 I15	July 2004 - June 2005	Director of Network Services Network Services Staff	Redundant services.

OBJECTIVE 1.5: Provide and support Internet access for underserved populations within the La Porte ISD boundaries.

Budget Amount \$0.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01 NCLB Correlates: 01 02 03 06 08 09 10 12				
Strategies		Timeline:	Person(s) Responsible:	Evidence:
1.5.1:	<p>Plan for computer give-a-way, following a successful bond election, of computers whose age exceeds our replacement cycle to free and reduced lunch families and/or other eligible recipients.</p> <p>Comments: Computers purchased in a Fall 2005 Bond will replace our oldest cohort of computers.</p> <p>LEA LRPT Correlates: AS07 I02 I04 I09 I14 I15 TL01 TL07 TL08 TL10 TL19 TL21</p>	Spring 2005	Desktop Administrator Executive Director of Technology	Written plan for distribution of computers following a successful bond election.
1.5.2:	<p>Provide public-access computers through the Bayshore Equitable Access Community Online Network (BEACON).</p> <p>Comments: Neighborhood Centers Inc. provides Adult Literacy training. Previously funded with local funds and TIF Community Network Grant.</p> <p>LEA LRPT Correlates: AS05 AS07 EP14 I02 I03 I09 I10 I11 I12 I13 I15 TL07 TL09 TL10 TL17 TL18 TL19 TL21</p>	July 2004 - June 2005	Director of Web Applications Executive Director of Technology Services	56 Public access computers at city-operated Community Centers, Fire Stations, Neighborhood Centers Inc., and Boys and Girls Harbor.
1.5.3:	<p>Provide discounted broadband Internet access for students, staff, district patrons, and community in collaboration with BEACON.</p> <p>Comments: We hope to use the BEACON broadband wireless network for transport to the LPISD Network Operations Center and then provide Internet services from LPISD. (Previously funded)</p> <p>LEA LRPT Correlates: AS04 AS05 AS07 EP14 I02 I03 I10 I11 I12 I13 I15 TL07 TL08 TL10 TL16 TL17 TL18 TL19 TL21</p>	January to June 2005	Director of Web Applications Executive Director of Technology Services BEACON Partners	Free or low-cost broadband Internet accounts for students, staff, district patrons, and community members.

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$19817.00

Method of application for formula funds: Local Application

Budget year 2004		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$713100.00	local operating budget 97% Title II Part D 3%
Telecommunications & Internet Access	\$69680.00	local operating budget 47% E-rate 53%
Materials & Supplies	\$36200.00	local operating budget 100%
Equipment	\$60590.00	local operating budget 100%
Maintenance	\$464572.00	local operating budget 100%
Miscellaneous Expenses	\$1012500.00	local operating budget 100%
Total	\$2,356,642.00	

Evaluation

Evaluation Process:

The La Porte ISD Technology Plan will be monitored on an ongoing basis and systematically at least once each year (future Technology Plans will be for multiple years).

The Technology Leadership Team (Executive Director and the Directors of the 4 Technology Departments) will meet weekly to assess progress toward this goal and objectives and to plan mid-course corrections as needed. Each department of the Technology Division will meet weekly to discuss progress toward their targets and project implementation. They will also accommodate new initiatives that are adopted by the District.

The entire Technology Division will meet monthly to discuss progress toward the goal and objectives of the Plan.

Evaluation Method:

We will measure the effectiveness of our objectives and strategies for integrating technology into the curriculum and daily instruction by administering a follow-up online survey of teachers' and administrators' Level of Technology Implementation (LoTi). The results of this survey will be compared with the baseline LoTi survey conducted during our needs assessment. This will be supplemented with several shorter District-developed online surveys for mid-course corrections.

We will measure the effectiveness of our objectives and strategies in acquiring and deploying technologies and telecommunication services by timely implementation of the new services listed in our various strategies (according to the listed timelines) and by meeting the achievement targets for network uptime, increase in internet/web traffic, and error reduction.

We will measure our effectiveness in meeting timelines for implementation by reviewing progress toward our objectives and planning any required midcourse corrections at our weekly Departmental and Director's meetings, and at our monthly Divisional meeting.

Appendix

Attachment item A:

La Porte ISD District Web Site

Web site: <http://www.lpsid.org>

Attachment item B:

La Porte ISD benchmark LoTi results by district and campus

Web site: <http://www.lpsid.org/tech/inst/loti>

Attachment item C:

Detailed web log analysis of traffic (visitors per day) to the LPISD web server over the last 30 days.

Web site: http://www.lpsid.org/tech/analysis/all_last30days/complete.htm

Attachment item D:

Bayshore Equitable Access Community Online Network (BEACON), a TIF-funded community network whose partners include LPISD, the Cities of La Porte, Morgan's Point, and Shoreacres; San Jacinto College District, Neighborhood Centers, Inc., Harris County Department of Education, La Porte-Bayshore Chamber of Commerce.

Web site: <http://www.beaconnetwork.org>

LA PORTE 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.