

# **ARANSAS PASS ISD Technology Plan**

**2007 - 2010**

**Sue Thomas**

**SUPERINTENDENT**

## DISTRICT PROFILE

**ESC Region** 2  
**City, State Zip** ARANSAS PASS, TX 78336-2442  
**Phone** (361) 758-3466  
**Fax** (361) 758-2962  
**County District Number** 205901

<b>Number of Campuses</b>	5
<b>Total Student Enrollment</b>	2047
<b>District Size</b>	1,600 - 2,999
<b>Percent Econ. Disadvantaged</b>	66.90%

<b>Technology Expenditures</b>	<b>\$881,535.00</b>
<b>Technology budgets reported in plan by category</b>	Teaching and Learning Budget \$501,135.00 Educator Preparation and Development Budget \$58,200.00 Leadership, Administration and Support Budget \$16,800.00 Infrastructure for Technology Budget \$305,400.00 <b>Total: \$881,535.00</b>
<b>Technology Expenditure Per Pupil</b>	\$430.65
<b>Number of Campuses with Direct Connection to Internet</b>	5
<b>Percentage of Campuses with Direct Connection to Internet</b>	100.00%
<b>Number of Classrooms with Direct Connection to Internet</b>	165
<b>Percentage of Classrooms with Direct Connection to Internet</b>	100.00%
<b>Computer/Student Ratio</b>	3 student(s) for every computer
<b>Computer/Teacher Ratio</b>	1 teacher(s) for every computer
<b>Number of campuses that need to complete the Texas Campus STaR Chart</b>	5
<b>Percentage of campuses that have completed the Texas Campus STaR Chart</b>	100.00 %

# Plan Introduction

Plan Last Edited 06/04/2008

<b>Plan status:</b>	approved
<b>Years Included in the Plan:</b>	2007 - 2010
<b>Number of years covered by the plan:</b>	3
<b>Years Approved for the Plan:</b>	2007 - 2010
<b>Number of approved years:</b>	3

This is an Updated plan. The plan editor entered these comments about the changes since last year's plan:

Changed Superintendent and technology committee member names. In needs assessment section- Add 2 new video conferencing equipment stations. In goals and objectives section- Changed status of strategies. In evaluation section- Updated the technology committee meeting schedule.

## Technology Planning Committee

Sue Thomas  
Kathy Berryhill  
Bryan O'Bryant  
Jason Brou  
Clint Houston  
William Zemites  
Elaine Thompson  
Carlos Gonzales  
Tammy Shedd  
Kiran Jana  
Rosie Hatley

## Executive Summary

The Aransas Pass Independent School District Technology Plan represents the District's Three-year plan to implement additional technology and increase its genuine commitment to provide those educational opportunities, which will prepare students for the future. The primary goal of the plan is to support increased student achievement by continuing initiatives that maximize administrative efficiencies, facilitate communications, meet changing curriculum requirements, and emphasize the implementation of the District's and State's Real-World Academic Standards, to ensure that no child is left behind.

Developed through a collaborative effort of campus-based and central office personnel, this plan places major emphasis on the District's responsibility to empower students and staff to access, analyze, apply and communicate information effectively. Through the effective and efficient use of technology, the District will ensure that:

1. All learners will deepen their understanding of the content in the academic standards and, at the same time advance their knowledge of the Real World.
2. The learning environment is designed to achieve high academic performance by students and prepare them for the future.
3. Educators are fluent with contemporary technology and can use it to expand the learning opportunities for students.
4. The education system reengineers itself to systematically meet the needs of learners in a knowledge-based, global society.
5. Mechanisms are in place for ongoing communication between the school and the broader community of parents, business partners and community members.

All aspects of this technology plan should be continually revisited and discussed by APISD's Technology Committee to evaluate, refocus and keep abreast of the fast-paced advances in technology.

# Needs Assessment

## Assessment Process:

The district technology committee conducted a series of meetings in 2007. At each meeting committee members were asked to return to their respective positions at the campus and district level to gather input from staff and students (where appropriate) about needs in technology. Each committee member reported areas of need to the committee at subsequent meetings conducted throughout the Spring and Fall of 2006. Committee members worked together to organize and prioritize the district needs and incorporate them into the proposed plan.

## Existing Conditions:

Aransas Pass ISD's current technology conditions include the following:

[telecommunications services]

1. Three T-1 circuits for data and video services.
2. Digital phone system for Aransas Pass High School, and VOIP phone systems for A.C. Blunt Middle School and the central office.
3. Long distance service for phone system for all schools and central office.

[Hardware]

1. Approximately thirty servers providing various services.
2. Approximately eight hundred twenty-five workstations and terminals.
3. Adequate number of switches and routers to provide connectivity for the workstations and terminals.
4. Copper wiring to every classroom and work area and fiber optic cabling to every building in the district.
5. Distance learning video equipment at four locations.
6. Technology van for transportation of technology equipment.
7. Wireless laptop and projector combinations at each of the five campuses.

[Software]

1. Server and workstation operating systems.
2. Office productivity applications to every workstation.
3. Centralized information gathering system (EDP).
4. Integrated gradebook and attendance collection system.
5. Various assessment and student curricular based applications.

[Other services]

1. Filtered, secure, and universal internet access.
2. Contract filtering service.

## Technology Needs:

Upgrade systems:

Continue to provide a ratio of 3 to 1 of workstations to students at all campuses with adequate server support.

Increase infrastructure to improve student to computer ratio to a target goal of 2 to 1.

Develop and implement a system of replacing dated equipment.

Continue capitalizing on E-rate discounts.

Provide distance learning for students.

Continue to provide a certified educational technologist for K-8 campuses.

Provide opportunity for parents and community members to learn technology applications.

Continuous staff development in technology applications.

Add 2 new video conferencing equipment stations.

## Goals, Objectives, and Strategies

<b>GOAL 1: Aransas Pass Independent School District is committed to improving instruction through the use of technology.</b>					
<b>OBJECTIVE 1.1:</b>					
Every campus will offer on-line learning.					
<i>Budget Amount \$165,000.00</i>					
<i>LRPT category: Teaching and Learning</i>					
E-Rate Correlates: ER01					
NCLB Correlates: 01, 02, 03, 07, 08, 09					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.1.1:	1. Provide all classrooms with up to three networked workstations so that all students have access to online software for enrichment.  LEA LRPT Correlates: I01, TL02, TL05, TL08, TL09, TL13	State: Original  Status: In Progress	2007-2010	Technology Director and Campus Principals	Equipment Inventory
1.1.2:	2. Provide all teachers with appropriate technological equipment to allow network access.  LEA LRPT Correlates: I01, I04, TL01, TL02, TL10, TL16	State: Original  Status: Completed	2007-2010	Technology director and campus principals	Equipment inventory
<b>OBJECTIVE 1.2:</b>					
All students will meet the Technology TEKS.					
<i>Budget Amount \$104,283.00</i>					
<i>LRPT category: Teaching and Learning</i>					
E-Rate Correlates: ER01					
NCLB Correlates: 01, 02, 03, 04a, 04b, 07, 08, 09					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.2.1:	1. Courses/units of study incorporate technology. Students use technology as a tool to discover, analyze, synthesize and organize information to create one grade appropriate project per year.  LEA LRPT Correlates: EP01, TL01, TL02, TL03, TL05, TL10, TL11, TL12, TL13, TL14	State: Original  Status: In Progress	2007-2010	Teachers, librarians, curriculum dept, and technologist.	1. TEKS based lesson plans 2. Curriculum guides
1.2.2:	1. Provide enrollment opportunities in advanced, dual credit, credit recovery, and tech prep courses.  LEA LRPT Correlates: TL01, TL02, TL03, TL10, TL11, TL16	State: Original  Status: In Progress	2007-2010	Teachers, Principals, Technology Staff, Librarians	Student schedules, completion rates
1.2.3:	Provide AEIS information on the district web page.  LEA LRPT Correlates: LAS08	State: Original  Status: In Progress	2007-2010	Technology staff	Live web page link.

**OBJECTIVE 1.3:**

The district will provide educational services through technology to the community.

*Budget Amount \$12,000.00*

*LRPT category: Leadership, Administration and Support*

E-Rate Correlates:

NCLB Correlates: 04b, 09, 10

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.3.1:	The district will continue to offer GED classes, and expand the program to incorporate technology.  LEA LRPT Correlates: I08, LAS09	State: Original  Status: Planned	2007- 2010	GED teaching staff, technology staff, business office staff.	Attendance logs, GED certificates
1.3.2:	The district will provide training to parents to allow secure access to student information.  LEA LRPT Correlates: LAS11, TL14	State: Original  Status: In Progress	2007- 2010	Technology staff, principals, curriculum staff.	Logs documenting access to student information, sign-in sheets.
1.3.3:	The district will offer English language acquisition classes to non English speakers in the community using technology.  LEA LRPT Correlates: LAS09, LAS13	State: Original  Status: In Progress	2007- 2010	Curriculum staff, technology staff.	Sign-in sheets, certificates of completion.

<b>GOAL 2: Aransas Pass Independent School District is committed to training educators to be able to deliver instruction through technology.</b>					
<b>OBJECTIVE 2.1:</b>					
All teachers will meet SBEC technology requirements.					
<i>Budget Amount \$58,200.00</i>					
<i>LRPT category: Educator Preparation and Development</i>					
E-Rate Correlates: ER02					
NCLB Correlates: 01, 04a, 04b, 07, 08, 11					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.1.1:	District will hire or contract with a technologist.  LEA LRPT Correlates: EP01, EP02, EP04, EP05, EP06, EP09, TL16	State: Original  Status: In Progress	2007-2010	Human Resources, Curriculum, Technology, Business Office	Employment contract, or an additional duty contract.
2.1.2:	The district technologist will provide monthly technology training.  LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP07, EP08, EP09	State: Original  Status: Planned	2007-2010	Technologist	Sign In Sheets, CPE Certificates
<b>OBJECTIVE 2.2:</b>					
Teachers will implement methods learned in district technology training to enhance their teaching strategies and motivate students.					
<i>Budget Amount \$231,852.00</i>					
<i>LRPT category: Teaching and Learning</i>					
E-Rate Correlates: ER02					
NCLB Correlates: 01, 02, 04a, 04b, 07, 08, 11, 12					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.1:	1. Teachers use district approved software for curriculum planning, implementation, and assessment.  LEA LRPT Correlates: EP06, EP08, TL06, TL07, TL11	State: Original  Status: In Progress	2007-2010	Teachers, principals	lesson plans electronic grades
2.2.2:	Teachers use appropriate management and assessment data to meet individual student needs.  LEA LRPT Correlates: EP05, TL06	State: Original  Status: In Progress	2007-2010	Principals, teachers	Grades, TAKS scores.
2.2.3:	Teachers use technology for routine administrative tasks, e.g. , grade reporting, attendance reporting, lesson planning as well as proven educational software, e.g library cataloging software, reading software, credit recovery software, special education information management software.  LEA LRPT Correlates: EP03, EP05, TL06,	State: Original  Status: Completed	2007-2010	Principal, counselor, attendance personnel, technology staff, special education staff, teachers.	Grade reports, attendance reports, lesson plans, software reports.

	TL07, TL08, TL15				
2.2.4:	Teachers use appropriate assistive technology for students with disabilities as stated in their IEP.  LEA LRPT Correlates: EP09, I04, I05, LAS11	State: Original  Status: In Progress	2007-2010	ARD committee	IEPs
2.2.5:	Teachers will use approved language acquisition software to improve parent teacher communication.  LEA LRPT Correlates: EP01, EP02, EP04, LAS15	State: Original  Status: Planned	2007-2010	Curriculum department	Parent contact logs, training sign-in sheets.
2.2.6:	The district will provide students the opportunity to gain advanced credit and credit recovery through distance learning which includes but is not limited to video conferencing and or web based instruction.  LEA LRPT Correlates: TL02, TL09, TL13	State: Original  Status: In Progress	2007-2010	Principals, counselors, technology staff, curriculum staff.	Transcripts, grades.
2.2.7:	The district will provide equipment and access for appropriate "electronic field trips" for students at all campuses based on teacher/administrator requests.  LEA LRPT Correlates: TL09, TL13	State: Original  Status: Planned	2007-2010	Technology staff, curriculum staff, Principals, teachers.	Purchase orders, invoices

<b>GOAL 3: Aransas Pass Independent School District is committed to providing leadership and instructional support through the use of technology.</b>					
<b>OBJECTIVE 3.1:</b>					
The district will offer remote training.					
<i>Budget Amount \$3,000.00</i>					
<i>LRPT category: Leadership, Administration and Support</i>					
E-Rate Correlates: ER02					
NCLB Correlates: 01, 02, 03, 04a, 04b, 06, 08, 10, 11					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	The district will provide training through distance learning to the board of trustees, district administration, teachers, and paraprofessionals.  LEA LRPT Correlates: EP08, LAS09, LAS13	State: Original  Status: Planned	2007-2010	Superintendent, technology staff, curriculum staff, trainers.	Sign-in sheets, certificates, CPE documentation.
<b>OBJECTIVE 3.2:</b>					
Administrators use technology including electronic lesson plans, student management software, and other locally developed software for planning and decision making.					
<i>Budget Amount \$1,800.00</i>					
<i>LRPT category: Leadership, Administration and Support</i>					
E-Rate Correlates: ER01					
NCLB Correlates: 02, 04b, 09, 10, 12					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Administrators will use reports e.g., compilation of student grades and assessment data, attendance reports, lesson plan reports, and student discipline reports to improve student performance.  LEA LRPT Correlates: LAS02, LAS03, LAS14	State: Original  Status: In Progress	2007-2010	Central office staff and principals	Student performance data
3.2.2:	Parents will be provided secure online access to their children's records including student grades, attendance, and discipline reports.  LEA LRPT Correlates: I01, I08, TL15	State: Original  Status: In Progress	2007-2010	Technology staff and teaching staff.	VSI (View Student Information software) logs.
3.2.3:	Parents will be provided training on how to access secure online information about their child.  LEA LRPT Correlates: LAS07, LAS11	State: Original  Status: In Progress	2007-2010	Curriculum department, Technology department.	Sign-in sheets and/or certificates of completion.
3.2.4:	The CIP team will develop technology goals and objectives and include them in the CIP  LEA LRPT Correlates: LAS01, LAS02,	State: Original  Status: In Progress	Annually	CIP teams	Goals and objectives in each campuses CIP.

LAS03, LAS07				
--------------	--	--	--	--

<b>GOAL 4: Aransas Pass Independent School District is committed to providing and maintaining the technology infrastructure required to support student learning.</b>					
<b>OBJECTIVE 4.1:</b>					
Staff will maintain the infrastructure with less than 12 hours of down time per year, and be able to respond to non network issues within 4 hours.					
<i>Budget Amount \$35,400.00</i>					
<i>LRPT category: Infrastructure for Technology</i>					
E-Rate Correlates:					
NCLB Correlates: 03, 05, 10					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.1.1:	Technology staff will monitor the network e.g., logs, connections, and bandwidth utilization.  LEA LRPT Correlates: I01, I06, I08, I09	State: Original  Status: In Progress	2007-2010	technology staff	logs, service requests
4.1.2:	Technology staff will monitor network services e.g., e-mail, web services, client and server software.  LEA LRPT Correlates: I01, LAS04, TL09, TL10	State: Original  Status: In Progress	2007-2010	Technology staff	Technology requests
<b>OBJECTIVE 4.2:</b>					
Maintain and improve classroom network connections through increased bandwidth and wireless connections.					
<i>Budget Amount \$270,000.00</i>					
<i>LRPT category: Infrastructure for Technology</i>					
E-Rate Correlates: ER01					
NCLB Correlates: 02, 06, 07, 12					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.2.1:	Improve current network switching equipment by replacing original switches with new higher bandwidth power over ethernet switches.  LEA LRPT Correlates: I01, I02, I06, I09	State: Original  Status: In Progress	2010	Technology Director, Business Manager, and contractors.	Switches will be replaced and connectivity will be improved.
4.2.2:	Increase student to computer ratio to two to one.  LEA LRPT Correlates: I04, I05, I06, I08, I09	State: Original  Status: In Progress	2007-2010	Principals, technology director, business manager	Inventory
4.2.3:	Begin five year rotation plan on computers and network components.  LEA LRPT Correlates: I01, I04, I08, LAS10	State: Original  Status: In Progress	2007-2010	Technology director, business manager, contractors.	Inventory
4.2.4:	Implement yearly network utilization and network security audits.	State: Original	2007-2010	Technology director	Audit reports

	LEA LRPT Correlates: I05, LAS02, LAS05, LAS08	Status: In Progress			
4.2.5:	Participate in the San Patricio County Technology consortium to provide high bandwidth internet access.  LEA LRPT Correlates: I02, I03, I08	State: Original  Status: In Progress	2007-2010	Technology Director	Consortium e-rate documentation.
4.2.6:	Utilize grants and other outside sources such as e-rate to subsidize technology.  LEA LRPT Correlates: I01, I08	State: Original  Status: In Progress	2007-2010	Director of finance, Technology director.	E-rate documentation, Grant documentation.

## Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$9,400.00

Method of application for formula funds: Local Application

<b>Budget year 2007</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$21,400.00	Fund 262-13 = \$9400 Fund 199 = \$12000
Telecommunications & Internet Access	\$46,500.00	Fund 199 = \$46500
Materials & Supplies	\$53,945.00	Fund 411 = \$41945 Fund 199 = \$12000
Equipment	\$101,000.00	Fund 411 = \$21000 Fund 199 = \$80000
Maintenance	\$70,000.00	Fund 199 = \$70000
Miscellaneous Expenses	\$1,000.00	Fund 199 = \$1000.00
<b>Total</b>	<b>\$293,845.00</b>	

<b>Budget year 2008</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$21,400.00	Fund 262-13 = \$9400 Fund 199 = \$12000
Telecommunications & Internet Access	\$46,500.00	Fund 199 = \$46500
Materials & Supplies	\$53,945.00	Fund 411 = \$41945 Fund 199 = \$12000
Equipment	\$101,000.00	Fund 411 = \$21000 Fund 199 = \$80000
Maintenance	\$70,000.00	Fund 199 = \$70000
Miscellaneous Expenses	\$1,000.00	Fund 199 = \$1000.00
<b>Total</b>	<b>\$293,845.00</b>	

<b>Budget year 2009</b>		
<b>Budget item</b>	<b>Cost</b>	<b>Funding Sources with amount per source</b>
Staff Development	\$21,400.00	Fund 262-13 = \$9400 Fund 199 = \$12000
Telecommunications & Internet Access	\$46,500.00	Fund 199 = \$46500
Materials & Supplies	\$53,945.00	Fund 411 = \$41945 Fund 199 = \$12000
Equipment	\$101,000.00	Fund 411 = \$21000 Fund 199 = \$80000
Maintenance	\$70,000.00	Fund 199 = \$70000
Miscellaneous Expenses	\$1,000.00	Fund 199 = \$1000.00

Total	\$293,845.00
-------	--------------

# Evaluation

**Evaluation Process:**

The district level technology committee will meet on a regular basis to review the plan, document progress and make any necessary changes or updates. The committee shall report their findings to the central administration, district level site based committee and the school board on an annual basis. District level site based committee members will then disseminate the information to staff members at their respective campuses.

**Evaluation Method:**

The accountability methods and measures that will be used to evaluate the plan include District AEIS indicators, teacher lesson plans, purchase order records, district inventory records, technology committee meeting agendas and minutes, student course curriculum records and staff training records and sign-in sheets.

---

ARANSAS PASS 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.