

ARGYLE ISD Technology Plan

2008 - 2011

TELENA WRIGHT

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 11
City, State Zip ARGYLE, TX 762260989
Phone (940) 464-7241
Fax (940) 464-7297
County District Number 061910

Number of Campuses	4
Total Student Enrollment	1707
District Size	1,600 - 2,999
Percent Econ. Disadvantaged	7.73%

Technology Expenditures	\$438,500.00
Technology budgets reported in plan by category	Teaching and Learning Budget \$150,500.00 Educator Preparation and Development Budget \$29,400.00 Leadership, Administration and Support Budget \$183,100.00 Infrastructure for Technology Budget \$75,500.00 Total: \$438,500.00
Technology Expenditure Per Pupil	\$258.88
Number of Campuses with Direct Connection to Internet	4
Percentage of Campuses with Direct Connection to Internet	100.00%
Number of Classrooms with Direct Connection to Internet	161
Percentage of Classrooms with Direct Connection to Internet	100.00%
Computer/Student Ratio	4 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	4
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %

Plan Introduction

Plan Last Edited 05/28/2009

Plan status:	approved
Years Included in the Plan:	2008 - 2011
Number of years covered by the plan:	3
Years Approved for the Plan:	2008 - 2011
Number of approved years:	3

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

Update personnel, update conditions, needs, and timelines.

Technology Planning Committee

Telena Wright - Superintendent
 Chris Daniel - Asst. Superintendent
 Patti Madewell – Technology Coordinator
 Greg Royar - Network Administrator
 Tracie Smith – Librarian, Argyle High School/Middle School
 Jeff Butts – Principal, Argyle High School
 Scott Gibson – Principal, Argyle Middle School
 Brenda Spain – Teacher, Argyle High School
 Matthew George – Teacher, Argyle Middle School
 Rosemery Surber – Instructional Technology Aide, Argyle ISD
 Vicki Burnett - Instructional Technology Aide, Argyle ISD
 Lori Young - Instructional Technology Aide, Argyle ISD
 Carol Self – Parent

Executive Summary

Argyle ISD recognizes that technology is an integral part of a student's education today. It is vital that students possess the skills to locate and utilize the information available. Furthermore, students should possess the skills to utilize various software programs. AISD also recognizes that teachers should have the ability to incorporate information from various electronic sources into their lessons. The technology plan is developed and reviewed annually to enable the district to achieve this vision.

Needs Assessment

Assessment Process:

Argyle ISD utilizes a yearly survey of teaching staff and administrators to determine competencies and areas of needed staff development for the staff. The district also utilizes the information from the Texas Star Chart and random surveys of parents and students to identify needs. The district technology staff utilizes outside resources to periodically review the district infrastructure for needed upgrades. Hardware needs are determined from tracking inventory with the district utilizing a five year replacement cycle. Software needs are determined by instructional staff and reviewed by the technology department.

Existing Conditions:

The following technology is currently in place:

District-Wide

- Direct connection to the Internet via fiber leased through Grande Communications.
- District web server in place providing district information and student work.
- District exchange server in place providing for district mail and scheduling information.
- Written policies in place on acceptable use of the Internet, World Wide Web content, network management, and equipment donations.
- Distance learning lab available for students, staff, and community members.

ARGYLE High School

- Direct connection to the Internet via fiber leased connection.
- Web server maintained with high school information and projects.
- Nine fiber-backbone, Ethernet-to-the-desktop connected computer labs and student workstations utilizing desktops and thin-clients with an application server and file server for student technology classes, and individual student projects. Technology courses include desktop publishing, advanced word processing, web mastering, digital graphics and animation, and video technology.
- Data projectors mounted in every classroom, except for the portable buildings. They have projectors on carts.
- Networked online card catalog, Internet access, Texas Library Connection, and automated checkout in the library. Variety of research databases.
- Networked computer labs available for check out. Open before and after regular school hours with credit recovery and tutorial software available, staffed with a trained paraprofessional to assist teachers and students.

ARGYLE Middle School

- Direct connection to the Internet via fiber leased connection through Grande Communication.
- Web server maintained with middle school information and projects.
- Fiber-backbone, Ethernet-to-the-desktop connected computer labs with an application server and file server for student technology classes, and individual student projects.
- Data projectors mounted in every classroom, except portables. They have projectors on carts.
- Networked online card catalog, Internet access, Texas Library Connection, and automated checkout in the library. Variety of research databases.
- Networked computer labs available for check out. Open before and after regular school hours with tutorial software available. Staffed with trained paraprofessional to assist teachers and students.

Argyle Intermediate Campus

- Direct connection to the Internet via fiber leased through Grande Communications.
- Web server maintained with intermediate school information and projects.
- Fiber-backbone, Ethernet to the desktop connected computer lab with an application server and file server for student technology classes, and individual student projects.
- Data projectors mounted in every classroom.
- Networked online card catalog, Internet access, Texas Library Connection and automated checkout in the library.
- Networked computer lab.

ARGYLE Elementary Campuses

- Direct connection to the Internet via fiber leased connection through Grande Communicatons.
- Web server maintained with elementary school information and projects.
- Fiber-backbone, Ethernet-to-the-desktop connected computer labs with an application server and file server for student technology classes, and individual student projects.
- Data projectors mounted in every classroom.
- Networked online card catalog, Internet access, Texas Library Connection, and automated checkout in the library.
- Two networked computer labs with two full-time teaching assistants to aid the staff in technology implementation and training.

Technology Needs:

Bandwidth issues were solved by purchasing G-man fiber connections, with the ability to add more as needed. After adding a campus, and the subscription to some online services. We have found our need for bandwidth has doubled. We will expand our

bandwidth as funding allows. With the addition of online testing this will continue to be an issue.

Hardware replacement is an ongoing process that is at the mercy of funding. The district needs to continue with the current replacement cycle.

Implementation of technology devices in the classroom and training on such is still needed district wide. By adding document camera's and interactive whiteboard's it will increase student involvement in daily activities. The addition of ceiling mounted projectors in every classroom has enhanced the classroom environment.

Upgrading to "Office 2007" will keep the staff & students up to date with the current applications and business standards.

Goals, Objectives, and Strategies

GOAL 1: Argyle ISD will provide a technology enriched education to all students. The district's educational focus is on improving student performance in all academic areas.

OBJECTIVE 1.1:

Students will acquire basic computer skills along with those skills necessary to utilize and access the Internet and electronic communication in an effective responsible manner. Teaching strategies that provide for maximum technology integration will be utilized. Student projects/products will reflect technology integration.

Budget Amount \$150,000.00
LRPT category: Teaching and Learning

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

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.1.1: AISD will provide the infrastructure, hardware and software along with competent staff to enable student success in technology rich activities. LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP06, EP08, EP09, I01, I02, I03, I04, I06, I07, I08, I09, LAS01, LAS02, LAS03, LAS04, LAS06, LAS07, LAS08, LAS11, TL01, TL03, TL05, TL06, TL07, TL08, TL09, TL10, TL13, TL14, TL15, TL16	State: Original Status: Completed	This is an ongoing process that will be done throughout the period covered by this plan. Currently, AISD has implemented new hardware, software and added two computer labs to provide opportunities for students and teachers to further enrich the learning process.	Assistant Superintendent for Curriculum & Instruction Campus Administrators Campus Instructional Staff	Student academic success in technology projects in all curriculum areas.
1.1.2: Software programs are utilized to increase student performance in reading, writing and math. Emphasis is placed on providing individualized programs to assist students in need of remediation. A staffed lab at MS/HS with extended hours . LEA LRPT Correlates: EP02, EP03, LAS01, LAS02, LAS05, LAS08, TL01, TL05, TL07, TL08, TL09, TL10, TL11, TL12	State: Original Status: In Progress	This year we have added Aplus & Study Island, along with a staffed lab to provide individualized lessons and objectives. Teachers have all been trained on the software.	Campus Administrators and Teachers	Improvement on state achievement tests as well as everyday work.
1.1.3: All campuses will utilize the RETN system to provide educational opportunities to their students and faculty. Comments: Changed responsibility to Technology Dept. LEA LRPT Correlates: EP01, EP03, EP06, EP08, I06, I09,	State: Original Status: In Progress	September to May	Technology Department	RETN use for virtual field trips, professional development, training for school board.

LAS02, LAS03, LAS06, LAS08, LAS11, LAS13, LAS15, TL01, TL02, TL03, TL06, TL08, TL16				
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GOAL 2: Provide ongoing staff development in instructional uses of technology				
OBJECTIVE 2.1:				
<p>All staff members will be provided opportunities to increase their technology skills and instructional use of technology through a variety of staff development programs.</p> <p><i>Budget Amount \$29,400.00</i> <i>LRPT category: Educator Preparation and Development</i></p> <p>E-Rate Correlates: ER01, ER02 NCLB Correlates: 01, 02, 03, 04a, 04b, 07, 08, 09, 11, 12</p>				
<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>2.1.1: Teachers will be provided the software, hardware, and staff development to successfully implement technology into their instructional units</p> <p>LEA LRPT Correlates: EP01, EP03, EP04, EP06, I01, I04, I06, LAS01, LAS03, LAS08, LAS10, LAS13, TL01, TL02, TL03, TL05, TL06, TL09</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>All staff have received training in Word, Excel and Windows as well as basic trouble shooting. In addition staff has been trained on Mimios, Document Cameras, Projectors, and remedial software. Additional training in Microsoft Power Point will be offered this year.</p>	<p>Campus Administrators Asst. Superintendent for C&I Campus Instructional Staff</p>	<p>Technology units documented in teacher lesson plans and Teacher Appraisal System</p>
<p>2.1.2: Staff development will be implemented for administrators to develop the skills needed to monitor and increase the effectiveness of technology use in all curricular areas. Training will also focus on the use of technology in reviewing TEKS and TAKS data.</p> <p>Comments: changed to in progress</p> <p>LEA LRPT Correlates: EP01, EP03, EP04, EP05, EP07, EP08, EP09, LAS01, LAS02, LAS03, LAS12, TL01, TL02, TL03, TL04, TL05, TL07, TL08, TL09, TL11, TL13, TL15</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>Teachers will be required to submit at least one technology rich lesson per semester.</p>	<p>Asst. Superintendent for Curriculum</p>	<p>Increase in technology use as evidenced by surveys and lesson plans</p>
<p>2.1.3: Provide staff development opportunities for district librarians in the use of technology. Librarians will be trained in utilizing technology as a resource tool to supplement materials available for instruction.</p> <p>Comments: changed from planned to in progress, library is not open to community</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>Currently the libraries have online database, ie: Questia as well as web-based</p>	<p>Assistant Superintendent for Curriculum Librarians Technology Coordinator</p>	<p>Increased use of technology in the libraries. Teacher surveys to determine librarian's role in assisting with technology integration.</p>

	LEA LRPT Correlates: EP03, EP05, EP06, EP08, I01, I02, I09, LAS01, LAS03, LAS06, LAS08, TL01, TL02, TL03, TL05, TL06, TL08, TL09, TL10, TL11				
2.1.4:	Upgrade Office Software to Office 2007 with extensive training in an effort to keep up with new applications. LEA LRPT Correlates: EP01, EP02, EP05, I01, LAS01, LAS03, LAS06, LAS08, TL02, TL05	State: Original Status: Planned	The next 12 months.	Technology Department to purchase and install. Professional Development: Tech. Dept along with Dr. Wright and Mrs. Spain	Employees will use the new Office 2007 software as their primary source for word processing, spreadsheets, etc.

<p>GOAL 3: Parents and community members will be involved in planning and evaluating the district's technology program.</p>				
<p>OBJECTIVE 3.1:</p> <p>Parents and community members will be included in the district technology committee</p> <p><i>Budget Amount \$100.00</i> <i>LRPT category: Leadership, Administration and Support</i></p> <p>E-Rate Correlates: NCLB Correlates: 06, 09</p>				
Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
<p>3.1.1: Input will be sought for the district's technology program from a variety of sources to include CLT & DLT committee's.</p> <p>Comments: changed to in progress, person responsible to technology committee</p> <p>LEA LRPT Correlates: EP04, I09, LAS01, LAS04, LAS05, LAS06, LAS07, TL02, TL03, TL09, TL14</p>	<p>State: Revised</p> <p>Status: In Progress</p>	<p>Technology meetings will be held quarterly.</p>	<p>Technology Committee Members, include community members, parents, teachers and admin from all campuses.</p>	<p>Annual review of Technology Plan Minutes of Technology Meetings</p>

<p>GOAL 4: The district will utilize technology as an integral part of its communications and community education opportunities to all stakeholders</p>				
<p>OBJECTIVE 4.1:</p> <p>The district website is a critical component in the district's communication with its stakeholders. The district will work in a cooperative manner to ensure technology opportunities to community members</p> <p><i>Budget Amount \$2,000.00</i> <i>LRPT category: Leadership, Administration and Support</i></p> <p>E-Rate Correlates: NCLB Correlates: 06, 08, 09, 10, 12</p>				
Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
<p>4.1.1: The district website will be utilized to communicate with all stakeholders and as a resource center for district personnel. The site will be updated and maintained frequently.</p> <p>Comments: changed responsible person</p> <p>LEA LRPT Correlates: I08, I09, LAS03, LAS04, LAS05, LAS09, TL15, TL16</p>	<p>State: Original</p> <p>Status: Completed</p>	<p>Timeline is ongoing, updates will be done weekly.</p>	<p>Technology Department Campus Administrators Teachers</p>	<p>Information contained on the the website will reflect timely information.</p>
<p>4.1.2: The district will provide training for teachers, to create & maintain teacher webpages</p> <p>LEA LRPT Correlates: EP02, I01, I08, LAS09, LAS14, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>All teachers are expected to maintain current web pages that include lesson plans & activities.</p>	<p>Technology Coordinator, Model Classroom Teachers, Teacher Trainers</p>	<p>web pages</p>
<p>4.1.3: The district will provide teacher webpages to communicate with parents & the community about on going activities & lesson plans.</p> <p>LEA LRPT Correlates: I09, LAS05, LAS06, LAS07, TL09, TL15, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>ongoing-work in progress</p>	<p>Technology Coordinator Campus Principals</p>	<p>lesson plans and up to date information on teacher webpages</p>
<p>OBJECTIVE 4.2:</p> <p>The district will investigate collaborative opportunities for providing community education opportunities, including adult literacy.</p> <p><i>Budget Amount \$500.00</i> <i>LRPT category: Teaching and Learning</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 10</p>				
Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
<p>4.2.1: The district will join with the regional service center by using the RSCCC grade book and</p>	<p>State: Original</p>	<p>Teachers are currently utilizing on-line gradebooks and</p>	<p>Tena Calhoun & technology dept.</p>	<p>District started using RSCCC grade book</p>

	<p>provide parent access on line to student grades.</p> <p>Comments: Get teachers and staff used to using new grade book. Then roll out parent portal, for parental access online for student grades. Rolled out parent portal Jan. 2008 seems to be working very well.</p> <p>LEA LRPT Correlates: EP03, I01, I06, I08, LAS04, LAS11</p>	<p>Status: Planned</p>	<p>parents have access through parent portals.</p>		<p>provided by Region 11, start of 07/08 school year.</p>
4.2.2:	<p>The district will work with other educational organizations to provide needed community education opportunities.</p> <p>LEA LRPT Correlates: EP08, I08, LAS09, TL15</p>	<p>State: Original</p> <p>Status: Planned</p>	<p>Ongoing</p>	<p>Asstisant Superintendent for Curriculum</p>	<p>Community Surveys</p>
<p>OBJECTIVE 4.3:</p> <p>The district will provide access for parents to check cafeteria account status.</p> <p><i>Budget Amount \$1,000.00</i></p> <p><i>LRPT category: Leadership, Administration and Support</i></p> <p>E-Rate Correlates: ER01</p> <p>NCLB Correlates: 06, 09</p>					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.3.1:	<p>The district will work with vendor organizations to provide access to account data online.</p> <p>Comments: new strategy</p> <p>LEA LRPT Correlates: I08, LAS11, TL15</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>ongoing preliminary use in progress.</p>	<p>Technology Coordinator Food Service Director</p>	<p>on line use of student accounts</p>

GOAL 5: District will provide technology support for software and hardware needs of the instructional staff				
OBJECTIVE 5.1:				
<p>The district technology staff will be sufficient to enable the implementation of technology into classroom instruction. The district will also encourage teachers to take advantage of training at the Region 11 Tech Academy.</p> <p><i>Budget Amount \$180,000.00</i> <i>LRPT category: Leadership, Administration and Support</i></p> <p>E-Rate Correlates: NCLB Correlates: 05, 12</p>				
<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
5.1.1: District technology staff will maintain the hardware and software of all district computers. The district will also utilize help desk software to enhance their ability to respond to requests in a timely manner. LEA LRPT Correlates: I01, I02, I05, I06, I08, I09, TL09	State: Original Status: In Progress	Ongoing	Assistant Superintendent for Curriculum & Instruction Technology Staff Outside technology support	Annual Survey of staff will be utilized along with staff survey response to district technology requests for assistance.

GOAL 6: District will maintain a replacement and upgrade cycle to ensure proper equipment for student learning				
OBJECTIVE 6.1:				
<p>AISD has a five year replacement cycle on all desktops. The infrastructure will be evaluated annually to ensure adequacy as the district grows.</p> <p><i>Budget Amount \$75,500.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: NCLB Correlates: 05, 06, 12</p>				
<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>6.1.1: The district currently is utilizing HP desktops with Cisco switches to ensure reliable technology equipment. The district will review this strategy annually.</p> <p>Comments: changed to in progress, changed responsible persons</p> <p>LEA LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08, LAS01, LAS02, LAS03, LAS08, TL08</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>Ongoing</p>	<p>Technology Coordinator Outside Consultants</p>	<p>Annual Survey of staff and students. Technology Repair Requests</p>

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$413,000

Method of application for formula funds: Application via a Title II, Part D shared services arrangement or cooperative

Budget year 2008		
Budget Item	Cost	Funding Sources with amount per source
Staff Development	\$15,000.00	Title II 924 Local 14,076
Telecommunications & Internet Access	\$11,500.00	Local 11,500
Materials & Supplies	\$20,000.00	Local 20,000
Equipment	\$25,000.00	Local 25,000
Maintenance	\$70,000.00	Local 70,000
Miscellaneous Expenses	\$0.00	Local
Total	\$141,500.00	

Budget year 2009		
Budget Item	Cost	Funding Sources with amount per source
Staff Development	\$18,000.00	Title II 900 Local 17,100
Telecommunications & Internet Access	\$11,500.00	Local 11,500
Materials & Supplies	\$22,000.00	Local 22,000
Equipment	\$25,000.00	Local 25,000
Maintenance	\$70,000.00	Local 70,000
Miscellaneous Expenses	\$0.00	Local
Total	\$146,500.00	

Budget year 2010		
Budget Item	Cost	Funding Sources with amount per source
Staff Development	\$18,000.00	Title II 900 Local 17,100
Telecommunications & Internet Access	\$11,500.00	Local 11,500
Materials & Supplies	\$25,000.00	Local 25,000
Equipment	\$25,000.00	Local 25,000
Maintenance	\$70,000.00	Local 70,000
Miscellaneous Expenses	\$1,000.00	Local 1000.00
Total	\$150,500.00	

Evaluation

Evaluation Process:

All members of the Argyle Technology Committee are extremely excited about all technology projects and will monitor its success in their meetings, project financial data, and give input into the vendors selected to supply technology components. This committee will also be responsible for evaluating current technology and its use in the district. The committee will use this information to upgrade this plan yearly to meet the needs of the district.

Evaluation Method:

Teacher appraisals will include evaluating their performance in implementation of technology units in the core areas. The current goal is for technology to be used in 30% of the students instruction.

Academic departments and grade level teachers are encouraged and expected to evaluate software to increase technology implementation.

Student success will be determined by student success rate in technology application courses at the secondary level. At the elementary student success will be evaluated by the teachers in incorporating the TEKS in their classroom instruction.

Annual surveys will be conducted to determine teacher perceptions on their ability to incorporate the technology and to determine the district's status in deploying new technology hardware and the level of success of the district infrastructure.

Appendix

Attachment item A:
District Home Page

- Web site: <http://www.argyleisd.com/>

Attachment item B:
Acceptable Use Regulations

- Web site: <http://www.argyleisd.com/AcceptableUseRegs.htm>

Attachment item C:
District Newsletters

- Web site: <http://www.argyleisd.com/Newsletter.asp>

Attachment item D:
District Job Application

- Web site: <http://www.argyleisd.com/Employment.asp>

Attachment item E:
District Policy

- Web site: <http://www.tasb.org/policy/pol/private/061910/>

Attachment item F:
Parent access to student accounts.

- Web site: <https://www.myrealtime.com/signin.aspx>

ARGYLE 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.