Brady Independent School District Technology Plan

2009 - 2012

Dr. Jeffrey Brasher

Superintendent

DISTRICT PROFILE

ESC Region	15
City, State Zip	Brady, TX 76825-4527
Phone	(325) 597-2301
Fax	(325) 597-3984
County District Number	160901

Number of Campuses	5
Total Student Enrollment	1335
District Size	1,000 - 1,599
Percent Econ. Disadvantaged	57.45%

Technology Expenditures		$2,322,377.00
Technology budgets reported in plan by category	Teaching and Learning Budget	$1,073,436.00
	Educator Preparation and Development Budget	$95,412.00
	Leadership, Administration and Support Budget	$279,500.00
	Infrastructure for Technology Budget	$874,029.00
	Total:	**$2,322,377.00**
Technology Expenditure Per Pupil	$1,739.61	
Number of Campuses with Direct Connection to Internet	5	

Percentage of Campuses with Direct Connection to Internet	100.00%
Number of Classrooms with Direct Connection to Internet	127
Percentage of Classrooms with Direct Connection to Internet	100.00%
Computer/Student Ratio	2 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	5
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %

Plan Introduction

Plan Last Edited 01/08/2009

Plan status:	Approved
Years Included in the Plan:	2009 - 2012
Number of years covered by the plan:	3
Years Approved for the Plan:	2009 - 2012
Number of approved years:	3

Technology Planning Committee

Special thanks go to these people for their active participation
and contributions in the completion of this Technology Plan:

Liesa Land - Assistant Superintendent
Mark Stanley - Technology Director
Coty Tidwell - Network Administrator
Mercy James - PEIMS Coordinator
Hector Martinez - High School Principal
Eric Bierman - High School Assistant Principal
Bryan Shipman - Middle School Principal
Judy Fincher - Middle School Assistant Principal
Kelley Hirt - Elementary Principal
Angela Bierman - Elementary Assistant Principal
Jenny Roberts - North Ward Principal

Executive Summary

Introduction
Brady ISD is dedicated to using different forms of technology to deliver a variety of resources and tools to prepare our students for a successful future. The district is very proactive with bringing in new technology to help ensure student and teacher success, and we wish to continue and expand on this.

Purpose
The Brady ISD Technology Plan has been created to have a written plan that will help guide the district throughout the next three years by assessing and continually evaluating our technological state and future. The district will also use the Technology Plan to focus on achieving both short and long term goals based off of the ongoing assessment. Furthermore, The Technology Plan will be used to provide direction for technology related purchases and training that will enhance student learning and assist with teacher differentiated instruction.

Background
Brady ISD had developed this Technology Plan based on information from:
- Brady ISD Board of Trustees and Board goals
- Administrator meetings regarding technology assessment and implementation
- Student achievement testing data
- District and Campus accountability data to include AEIS, PBMAS, and AYP
- District and Campus Star Charts to include teacher feedback regarding technology
- District and Campus site base meetings
- Analysis of campus instructional hardware and software
- Review of resources to help identify best practices
- Alignment with State Technology Plan

Parameters
This Long-Range Technology Plan is driven by the state curriculum standards and supports the educational mission and instructional goals of BRADY ISD and by the No Child Left Behind Act of 2001. Specific attention is given to addressing student standards for technology as defined by the Technology Applications Texas Essential Knowledge and Skills (TEKS), required in the Texas Education Code, Section 28.002. The Technology Applications TEKS found in 19 TAC Chapter 126 describe what students should know and be able to do using technology. As a part of the enrichment curriculum, these TEKS are to be used as guidelines for providing instruction. The goal of the Technology Applications TEKS is for students to gain technology-based knowledge and skills and to apply them to all curriculum areas at all grade levels.

The plan stresses the importance of ongoing and sustained staff development in the integration of technology into the curriculum for teachers, principals, administrators, and school library media personnel to further the effective use of technology in the classroom or library media center. It also is consistent with the recommendations for LEAs as defined by the Texas Long-Range Plan for Technology in the areas of Teaching and Learning, Educator Preparation and Development, Administration and Support Services, and Infrastructure for Technology, as well as the e-rate

applications guidelines, and other state standards, such as Technology Applications Standards for Beginning Teachers.

Vision Statement
Brady ISD's vision is to motivate and enhance student learning by incorporating interactive technology into every classroom. Brady ISD envisions implementing a 1-to-1 student to computer ratio, interactive smart boards and slates for enhanced teaching and learning, and customizable programs that allow for teachers to assess student needs on an individual basis. This goal will produce a much more enriched learning experience that can be tailored to each individual student, producing exceptionally well educated young adults ready for future success.

Needs Assessment

Assessment Process:
A comprehensive needs assessment utilizing teacher and student surveys, interviews, focus group sessions, inventories, assessment data, and the Texas Campus STaR Chart was used 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.

Overview of Current Conditions

Technology Resources
The following resources are currently provided at Brady ISD:
- Subscriptions to online resources for teachers and students including databases and encyclopedias
- Video Streaming from United Learning
- WebCCAT
- AR and STAR reading programs
- Digital cameras, scanners, video cameras, document cameras, and digital projectors for checkout
- Access in the library to adult literacy resources on the web for all community members
- Distance Learning Dual-Credit classes for Brady ISD students and students from other communities
- Seven mobile laptop labs for checkout for Brady High School students/staff
- Computers available for students in Guidance Center
- ActivBoards for at least 2 classrooms per campus
- Appropriate software for student and staff use
- District and Campus websites
- Channel 12 District education channel
- Wireless networks at all campuses and the administration office
- Three high school labs, 1 middle school lab, and 3 elementary labs
- Full time Technology Director and Network Administrator, plus 4 teacher/campus technicians
- TXConnect grade access for parents of Brady ISD students
- Parent and community resources provided on district and campus websites

• Credit recovery using web based software (OdysseyWare)
• Online curriculum for DAEP students
• Math and reading acceleration software (diagnostic and prescriptive)
• All classrooms have network connectivity
• Networked laser/color/inkjet printers district-wide

Staff Training
The following professional development for technology is in place:
• All teachers are required to take a yearly survey to assess their technology skills
• All teachers must have at least 6 hours of professional development in technology per year
• Summer technology training will be offered by Brady ISD and the ESC for staff
• Additional professional development opportunities will be provided to the district through membership in the Title II, Part D Technology Coop with ESC XV
• A team of teachers, administrators, and technology staff will be sent to the TCEA State Convention each year
• Campus level training will be offered onsite and at ESC XV (Title II, D)
• Brady ISD staff will be encouraged to present at technology conferences and support will be provided
• The district curriculum integration specialist will work with teachers individually and in small groups to develop lessons and unit plans that infuse technology into their curriculum
• Professional development using Excel and Word will be provided to administrators and teachers to facilitate curriculum writing
• District technology staff will participate in yearly professional development training opportunities to ensure their ability to maintain and enhance the technology infrastructure

Technical Support
The following technical support is currently in place:
• Full time Technology Director and Network Administrator are employed by the district
• Technical support requests are submitted to the technology staff through Trouble Trakker. The technology staff then responds according to priority and order entered
• Technical support agreements are purchased with instructional software packages and new hardware purchases
• Each campus has a technician/teacher to do initial troubleshooting of technology issues
• Maintenance/service agreements will be used to maintain infrastructure in addition to the onsite network/computer technicians
• Contracted services will be used to supplement district-provided technical support as needed

Existing Conditions:

District-Wide
• Direct connection to the Internet via two T1 lines with a third in progress
• 14 servers in place providing storage for district information, software, student work, filtering, and backup services

- All campuses and the administration office have wireless connectivity
- All classrooms have Ethernet to the desktop
- Written policies in place on acceptable use of the Internet, network management, and equipment donations
- Mobile video conferencing unit available for virtual field trips and professional development
- Distance learning lab available for students, staff, and community members
- 1175 student computers
- 244 teacher computers

High School
- Direct connection to the Internet via two district T1 lines
- 5 servers maintained by the technology department with high school information, software, and projects
- 11 Cisco 1200 wireless access points for wireless network accessibility
- 2 mobile labs consisting of 15 laptops, 1 laser printer, and 1 projector/document camera combination per cart available for checkout (Beaumont Grant)
- 1 mobile lab consisting of 15 laptops and 1 laser printer available for checkout
- 2 mobile labs consisting of 25 laptops available for checkout
- 1 mobile lab consisting of 25 laptops for the science program
- 1 mobile lab consisting of 20 laptops for the continuing education program
- Gigabit Ethernet to the desktop connected computer labs with two file servers for all general classes and technology classes, including CAD, desktop publishing, advanced word processing, web mastery, digital graphics and animation, video technology, and computerized accounting
- Follett Networked online card catalog, Internet access, and automated checkout in the library
- Web based OdysseyWare for credit recovery and remediation
- Additional software to enhance learning includes Accelerated Reader, My Access and Study Island
- 8 laser printers, 3 color laser printers, 2 photo quality inkjet printers, and 5 scanners
- 4 ActivBoards and 1 Smart Board for instruction
- 9 digital cameras available for checkout
- 5 DV camcorders and 1 DVD camcorder available for checkout
- 7 projectors and 2 projector/document camera combos for checkout
- Approximately 12 rooms with a document camera/projector combo
- All teachers have a laptop assigned to them
- 457 student computers
- 86 teacher computers

Middle School
- Direct connection to the Internet via two district T1 lines
- 2 file servers maintained by the district technicians with middle school information, software, projects, and student file storage
- 9 Cisco 1200 wireless access points for wireless accessibility
- 373 Dell Inspiron wireless laptops (Tip Grant)

- 5 laser printers for student and teacher use
- 2 wireless laser printers for student and teacher use
- 2 Dell Latitude wireless laptops, 2 document cameras, 2 ActivBoards, 2 E-Instruction classroom performance systems, 2 projectors, 6 ActivSlates, 2 digital cameras (Target Grant)
- 4 Dell printer/scanner combos (Tip Grant)
- 3 E-Instruction CPS chalkboard units
- 4 DV camcorders available for checkout
- 2 SmartBoards available for checkout
- 4 digital cameras available for checkout
- 6 ActivBoards for classroom use
- Ethernet to the desktop connected computer labs with two file servers for classes
- Networked online card catalog, Internet access, and automated checkout in the library
- AR, Thinking Maps, Star Reading, Star Math, MyAccess, Achieve 3000, and Study Island
- EChalk used for web hosting and email communications between teachers and students
- All teachers have a laptop assigned to them
- All rooms have a document camera/projector combo
- 486 student computers
- 52 teacher computers

Elementary Campuses
- Direct connection to the Internet via two district T1 lines
- 3 servers maintained by district technicians for programs, projects and student file storage
- 14 Cisco 1200 wireless access points on the elementary campuses
- Campus learning software includes AR, Star Reading, Star Math, Thinking Maps, Study Island, and Blaster math and reading programs
- 2 SmartBoards and 4 ActivBoards to enhance teaching and learning
- 35 projectors and document cameras assigned to classrooms
- 7 projectors available for classroom checkout.
- 4 networked computer labs available for teacher and student use
- 36 digital cameras available to the teachers for checkout
- 3 scanners accessible to teachers and students
- 14 laser printers distributed throughout the campuses available for teachers and students
- 3 photo quality inkjet printers for projects requiring color
- All teachers on both elementary campuses have a laptop assigned to them
- All rooms at Brady Elementary have a document camera and projector
- All classrooms at the North Ward campus have a printer
- PDA's are used at both elementary campuses for TPRI
- 232 student computers
- 106 teacher computers

Technology Needs:
Based on the comprehensive assessment and evaluation, identified needs for the district include additional computers available for student access in the classrooms, expanding the technology

tools for instruction and enhanced student learning, and ongoing professional development for staff. The professional development will target not only technology skills but will also address infusing technology into the curriculum of the courses they teach. Additional time to practice and experiment with what was learned in professional development is imperative as well. The district sees a need to continue improving the way it communicates efficiently with the community through the use of campus and district web pages as well as the parent portal. Technology support is seen as a growing need and will be addressed by the addition of support staff and continued training for the technology department to better serve the district.

Goals, Objectives, and Strategies

GOAL 1: Teaching and Learning - To improve the academic achievement, including technology literacy, of all students.

OBJECTIVE 1.1:
To use technology to provide a challenging and coherent curriculum in all courses and at all grade levels of Brady ISD.

Budget Amount $98,730.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 04a, 04b, 07, 08, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.1.1:	A district online curriculum will be provided for all staff including a scope and sequence, unit plans and activities, resources, and assessment examples. Teachers will be expected to use this curriculum. LEA LRPT Correlates: LAS01, LAS12, TL04, TL05, TL06, TL07, TL09, TL12	State: Original Status: In Progress	June 2009 to June 2012	Assistant Superintendent, District Curriculum Team, Principals	Server-based district electronic curriculum, curriculum plans, lesson plans, walk-throughs, PDAS, TAKS data, AEIS data
1.1.2:	Teachers will be provided access to web based assessment development sites to	State: Original Status: In	June 2009 to June 2012	Assistant Superintendent, Technology Director,	Benchmark assessments, unit plans, student progress reports,

			State/Status	Timeline	Person(s) Responsible	Evidence
		facilitate benchmarking and evaluation of student progress. (WebCCat, OdysseyWare, TMDS, Study Island) LEA LRPT Correlates: LAS01, LAS02, TL01, TL04, TL05, TL06, TL12	Progress		Principals	TAKS data
1.1.3:		Brady ISD will expand current distance learning opportunities for students and community members to provide increased opportunities for variety, enrichment and/or credit recovery. LEA LRPT Correlates: LAS04, LAS09, LAS15, TL02, TL05, TL08, TL13, TL15	State: Original Status: In Progress	August 2009 to June 2012	Superintendent, Technology Department, Principals	Course offerings, campus schedules, media notices

OBJECTIVE 1.2:
Brady ISD will utilize technology to improve student achievement for all students as measured by the state assessment.

Budget Amount $974,706.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 04a, 04b, 07, 09, 11

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
1.2.1:	Students and staff will be provided the technology necessary and the skills to use them; including computers, software, printers, cameras, video equipment, interactive	State: Original Status: In Progress	August 2009 to June 2012	Technology Director, Principals	Technology inventory, approved purchases, purchase orders, professional development logs

	whiteboards, and projectors to enhance teaching and learning. LEA LRPT Correlates: EP03, EP04, EP05, EP07, I01, I02, I04, I05, I06, I08, LAS01, LAS07, LAS12, TL02, TL03, TL04, TL05, TL06, TL08, TL09				
1.2.2:	Technology will be infused into the learning environment at all grade levels to enhance student achievement and engage students in a rigorous and challenging curriculum. LEA LRPT Correlates: TL01, TL03, TL04, TL05, TL06, TL08, TL09	State: Original Status: In Progress	August 2009 to June 2012	Technology Director, Principals, Curriculum Team, Technology Integration Specialist	Curriculum unit plans, student progress reports, principal walk-throughs, PDAS, TAKs data
1.2.3:	Students will learn technology skills and proficiencies as outlined in the Technology Applications TEKS as they make use of technology within the scope of their curriculum. (keyboarding, research, word processing, spreadsheet, power point, electronic boards, digital cameras, videos, laptop skills, etc.) LEA LRPT Correlates: TL01, TL03, TL04,	State: Original Status: In Progress	August 2009 to June 2012	Classroom Teachers, Technology Integration Specialist	Walk-through visits, student progress reports, student surveys, assessment data

	TL05, TL06, TL08, TL09				
1.2.4:	Appropriate up to date software and web based access to programs known through scientific research to improve student achievement will be utilized at each campus. LEA LRPT Correlates: TL01, TL03, TL04, TL05, TL06, TL08, TL09, TL13	State: Original Status: In Progress	June 2009 to June 2012	Assistant Superintendent, Technology Director, Principals, Technology Integration Specialist	Inventory of websites, software, class schedules, student progress reports, TAKS data
1.2.5:	A technology based reporting system will be available for monitoring student progress on specific objectives, maintaining student assessment data, and compiling reports for teachers and administrators. LEA LRPT Correlates: LAS08, TL01, TL04, TL05, TL06, TL09, TL12	State: Original Status: In Progress	June 2009 to June 2012	Superintendent, Assistant Superintendent, Technology Director, Principals	Student progress reports, student assessment data, benchmark data, TAKS data, AEIS reports
1.2.6:	Students will use technology in research and information gathering, both in the school library and the classrooms as a method of expanding their access to information and learning research skills. LEA LRPT Correlates: LAS01, TL01, TL03, TL04, TL06, TL07,	State: Original Status: In Progress	August 2009 to June 2012	Principals, Teachers	Lesson plans, classroom walk-throughs, observations, unit plans, PDAS

	TL08, TL14				
1.2.7:	Students will be involved in planning technology classes for parents and community adults, including technology demonstrations for local clubs and organizations. LEA LRPT Correlates: I09, LAS01, LAS09, TL04, TL15, TL16	State: Original Status: Planned	June 2009 to June 2012	Assistant Superintendent, Technology Director, Technology Integration Specialist, Principals, Campus Technicians	Campus planning calendar, lesson plans, media notices, technology class documentation, sign-up sheets, campus newsletters

OBJECTIVE 1.3:
To provide all students and staff with computer access on a 1:1 ratio.

Budget Amount $257,901.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 01, 03, 05, 06, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
1.3.1:	An additional 100 computers, at a minimum, will be added each year to ensure achievement of a 1:1 ratio of computers for students and teachers in grades K-12. LEA LRPT Correlates: I02, I05, I07, I08, LAS01	State: Original Status: In Progress	June 2009 to June 2012	Technology Director, Principals	Inventory lists, purchase orders, bid requests, classroom laptops

GOAL 2: Educator Preparation and Development - Brady ISD will provide ongoing sustained professional development opportunities as part of a comprehensive technology plan that promotes maximum integration of technology throughout the curriculum.

OBJECTIVE 2.1:

To provide training to identify and promote curriculum and teaching strategies that integrate technology effectively into curricula and instruction. This will be based on a review of relevant research, leading to improvements in student academic achievement.

Budget Amount $48,600.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 04a, 04b, 11

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
2.1.1:	Teachers will be required to have at least 6 hours of professional development each year in the area of technology. LEA LRPT Correlates: EP01, EP03, EP04, EP05, EP06, EP07, EP08, LAS12, TL02, TL06, TL07	State: Original Status: In Progress	June 2009 to June 2012	Assistant Superintendent, Technology Department, Principals, Campus Technicians	Professional development documentation, PDAS, technology class schedules, ESC XV professional development records
2.1.2:	The Technology Integration Specialist will work with teachers individually and in small groups to provide knowledge and skills to implement technology into the curriculum. LEA LRPT Correlates: EP01, EP03, EP04, EP07, EP08, TL02, TL04, TL07	State: Original Status: In Progress	June 2009 to June 2012	Technology Integration Specialist, Principals	Professional development data, walk-throughs, unit plans, curriculum documents
2.1.3:	Professional development will be provided to staff in the use of technology delivered district curriculum documents and unit plans for developing lessons and	State: Original Status: In Progress	June 2009 to June 2012	Assistant Superintendent, District Integration Specialist	Professional development calendar, technology surveys/classes, curriculum documents, walk-through visits

	updating activities. This includes training in the use of curriculum software and Excel. LEA LRPT Correlates: EP01, EP04, EP05, EP07, EP08, LAS12, TL02, TL05, TL06, TL09				
2.1.4:	Staff will be encouraged to visit other districts and other classrooms within the district to see promising practices in technology used to enhance student learning. LEA LRPT Correlates: EP03, EP07, EP08, TL02	State: Original Status: Planned	June 2009 to June 2012	Principals, Campus Technicians, Technology Integration Specialist	Scheduled visits, walk-throughs, PDAS, student performance reports
2.1.5:	Administrators, technology team members, and teachers will attend TCEA and other technology conferences as part of the professional development program. LEA LRPT Correlates: EP01, EP03, EP04, EP05, EP06, EP07, EP08, EP09, I08, TL02, TL04, TL05, TL06, TL07, TL09, TL12	State: Original Status: In Progress	June 2009 to June 2012	Technology Director, Campus Technicians, technology team, principals	Professional development calendar, personnel records, student progress reports, TAKS data
2.1.6:	Teachers will be knowledgeable about ways to utilize technology in accelerated learning for struggling students.	State: Original Status: In Progress	June 2009 to June 2012	Assistant Superintendent, Technology Dept, Principals	Professional development records, sign-in data, classroom walk-throughs, TAKS data,

		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	Software available includes Study Island, OdysseyWare, My Access, plus additional programs that will be added in the future. LEA LRPT Correlates: EP07, EP09, LAS02, LAS12, TL01, TL02, TL04, TL05, TL06, TL07, TL08, TL09, TL11, TL14, TL15				student progress reports
2.1.7:	Continue to provide opportunities and incentives for Brady ISD teachers to share their technology integration procedures, units, and ideas within the district and at various conferences. LEA LRPT Correlates: EP01, EP03, EP04, EP05, EP06, EP07, EP08, EP09, LAS01, LAS02, TL01, TL02, TL05, TL06, TL07, TL09, TL11	State: Original Status: In Progress	6/06 to 6/09	Technology Integration Specialist, Technology Department, Principals	Conference reports, technology class schedules, campus meeting agendas, principals documentation, observations

OBJECTIVE 2.2:
To provide teachers with the training necessary to develop and use technology to track and monitor student progress, disaggregate assessment data, and make decisions based on the data.

Budget Amount $46,812.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 03, 04b, 07, 11

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
2.2.1:	Teachers and staff will be provided training with all technology	State: Original	June 2009 to June	Assistant Superintendent, Technology	Professional development calendar, ESC XV

			2012	Department, Principals	documentation, walk-throughs, staff surveys
	related tools they would be expected to use in the district, including ADM for data analysis, txGradebook, Timeclock Plus, RSCCC attendance accounting, e-mail, and the curriculum management system. LEA LRPT Correlates: EP06, EP07, EP09, LAS02, TL02, TL06, TL07, TL12	Status: In Progress			
2.2.2:	Teachers will be provided with improved technology based assessment instruments and the training to use them to assess, monitor, and track student performance. LEA LRPT Correlates: EP06, EP07, EP08, EP09, LAS01, LAS02, LAS08, TL01, TL02, TL06, TL09, TL12, TL14	State: Original Status: In Progress	June 2009 to June 2012	Assistant Superintendent, Curriculum Team,	List of web services, assessment instruments, curriculum unit plans, walk-throughs, student progress reports

GOAL 3: Administration and Support Services - Brady ISD will make use of all tools available to facilitate administrative functions. The district additionally recognizes the need to integrate technology into the decision-making process to embrace accountability and ensure continuous improvement.

OBJECTIVE 3.1:
To provide supporting resources such as services, software, other electronically delivered learning materials, and print resources, that will be acquired to ensure successful and effective use of technology.

Budget Amount $43,500.00

LRPT category: Leadership, Administration and Support				
E-Rate Correlates: ER01 NCLB Correlates: 01, 02, 03, 06, 08, 09, 10				
Strategies	*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
3.1.1: Brady ISD will maintain centralized purchasing of technology resources to uphold standards, ensure accurate inventory, and provide cost savings in technology related purchases. LEA LRPT Correlates: I01, I02, I05, I07, I08, LAS02, TL04	State: Original Status: In Progress	June 2009 to June 2012	Superintendent, Assistant Superintendent, Technology Director, Business Manager, Accounts Payable, Principals	Purchasing records, financial reports, and inventory reports.
3.1.2: Brady ISD will upgrade technology in the central administration office and campus offices to handle increased requirements for PEIMS, RSCCC, and other state reporting mandates. LEA LRPT Correlates: I02, I07, LAS14	State: Original Status: Planned	June 2009 to June 2012	Assistant Superintendent, Technology Director	Purchase records, inventory reports.
3.1.3: The use of an electronic reporting system will be implemented for all technology work orders, requests for assistance, and bid requests.	State: Original Status: In Progress	June 2009 to June 2012	Technology Director, Network Administrator, District Technicians, Campus Technicians, Principals	Purchase records, inventory reports, Trouble Trakker reports

	LEA LRPT Correlates: LAS02, LAS07, TL04			

OBJECTIVE 3.2:
Use technology effectively to promote parental involvement and increase communication with parents and community members.

Budget Amount $96,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 06, 07, 08, 09, 11

Strategies	*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
3.2.1: Brady ISD will expand the use of district, campus, and teacher web pages to increase parental and community involvement. The websites will also be used to communicate district and educational information to parents and community members. LEA LRPT Correlates: I02, I09, LAS01, LAS04, LAS11, TL16	State: Original Status: In Progress	June 2009 to June 2012	Technology Department, Technology Integration Specialist, Campus Technicians, Principals	Websites, activity records and usage reports, parent surveys
3.2.2: Provide ongoing support for campus webmasters to maintain campus and teacher web pages to communicate campus specific activities and information.	State: Original Status: In Progress	June 2009 to June 2012	Technology Director, Technology Department, Principals	Records of meetings, training sessions, and communications with campus webmasters

	LEA LRPT Correlates: I09				
3.2.3:	Online survey site will be utilized to provide needs assessment data from parents, community, staff, and students for district and campus improvement. LEA LRPT Correlates: LAS01, LAS02, LAS03, LAS13	State: Original Status: In Progress	June 2009 to June 2012	Superintendent, Assistant Superintendent, Technology Director	Results of surveys, campus and district improvement plans, parent participation data
3.2.4:	District accountability data, Brady ISD policy, parent resources, and other district reports will be posted on websites to provide access to parents and community. LEA LRPT Correlates: I09, LAS04, LAS11	State: Original Status: In Progress	June 2009 to June 2012	Assistant Superintendent, Technology Department	Websites, district improvement plan, campus improvement plans
3.2.5:	Alternative sources of funding will be sought to supplement federal, state, and local funds in order to provide increased access to technology for students, staff, and the community. LEA LRPT Correlates: EP01, EP03, EP05, I01, I02, I03, I05, I06, I07, I09, LAS01, LAS02, LAS04,	State: Original Status: In Progress	June 2009 to June 2012	Assistant Superintendent, Technology Director, District Improvement Committee, Brady ISD Board of Trustees	E-rate funding documentation, Beaumont Grant data, TIP Grant, TARGET grant data, G. Rollie White Grant, purchase orders, budget information

	LAS05, LAS07, LAS09, TL06				
3.2.6:	Provide opportunities at board meetings, parent meetings, and community organizations to showcase Brady ISD technology - especially as it involves students and their projects. LEA LRPT Correlates: I01, I08, I09, LAS01, LAS03, LAS07, TL01, TL04, TL05, TL06, TL07, TL08	State: Original Status: In Progress	August 2009 to June 2012	Technology Director, Principals	Media notices and articles, campus schedules, parent newsletters, website notices, student progress reports

OBJECTIVE 3.3:
Provide the administration and staff with the necessary support required to make effective use of the technology tools provided to them.

Budget Amount $140,000.00
LRPT category: Leadership, Administration and Support

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

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
3.3.1:	Possibly hire a full time Technology Integration Specialist to assist the teachers of the district with software training and the incorporation of technology into their curriculum. LEA LRPT Correlates: EP01, EP02, EP09, LAS01, LAS03, LAS06,	State: Original Status: Planned	June 2009 to June 2012	Superintendent, Assistant Superintendent, Technology Director	Technology Meeting Minutes, Budget, Professional Dev.

	LAS10, TL16				
3.3.2:	Add a District Technology Technician to improve technology problem resolution response and repair time so that downtime is kept to a minimum. LEA LRPT Correlates: EP03, I01, I08, LAS10, TL08, TL12	State: Original Status: Planned	June 2009 to June 2012	Superintendent, Assistant Superintendent, Technology Director	Technology Meeting Minutes, Budget

GOAL 4: Infrastructure for Technology - To ensure that all students, staff, and the community have increased access to state of the art technology.					
OBJECTIVE 4.1: Ensure students and educators have access to essential technologies that support different learning styles and meet the needs of all learners. *Budget Amount $526,128.00* *LRPT category: Infrastructure for Technology* E-Rate Correlates: ER01 NCLB Correlates: 02, 03, 04a, 05, 06, 07, 08, 09, 10, 11, 12					
Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
4.1.1:	Establish and maintain acquisition processes and standards for hardware, software, network resources, audio/visual resources, and other technologies. LEA LRPT Correlates: EP05, I01, I02, I05, I06, I07, I08, LAS01, LAS03, LAS04, LAS07, TL01, TL04, TL05, TL06, TL07,	State: Original Status: In Progress	June 2009 to June 2012	Assistant Superintendent, Technology Director, Technology Department	Technology documentation, technology plan, district inventory, purchase orders, budget (line item)

	TL14, TL15, TL16				
4.1.2:	Investigate, review, and recommend emerging technologies for instructional and administrative use to Brady ISD personnel and community. LEA LRPT Correlates: I01, I02, I05, I06, I07, I08, LAS01, LAS02, LAS04, LAS07, LAS09, TL01, TL05, TL15, TL16	State: Original Status: In Progress	June 2009 to June 2012	Assistant Superintendent, Technology Director, Network Administrator, Principals	Technology committee records, records of technology previews and demonstrations
4.1.3:	Provide on-going evaluation of district technology needs with regard to equipment, speed, bandwidth use, and available technologies, and make recommendations to insure quality and equity in technology. LEA LRPT Correlates: I01, I02, I03, I05, I06, I07, I08, LAS01, LAS02, LAS07	State: Original Status: In Progress	6/06 to 6/09	Technology coordinator, network administrator, technology team	Minutes of technology meetings, bids, proposals, e-rate documentation, purchase orders, budget information, inventories
4.1.4:	Continue ongoing training needed to fully participate in E-rate opportunities as a means for providing additional funding for eligible products and services to Brady ISD. LEA LRPT Correlates: EP01, I01, I02, I03, I05, LAS01, TL10, TL11, TL15	State: Original Status: In Progress	June 2009 to June 2012	Assistant Superintendent, Technology Director, PEIMS Coordinator	E-rate listserve, professional development, records, consultant services, completed e-rate documentation
4.1.5:	Ensure district policies,	State:	June	Assistant	District acceptable

	regulations, and procedures result in Internet safety for students and staff, and that Brady ISD is CIPA compliant. LEA LRPT Correlates: I08, LAS01, LAS02, TL11	Original Status: In Progress	2009 to June 2012	Superintendent, Technology Director, Network Administrator	use policy, student and staff handbooks, Brady ISD board policy, signed acceptable use policies (student and staff), filtering logs
4.1.6:	Provide appropriately configured hardware and software across campuses to ensure accessibility for all students and staff. LEA LRPT Correlates: I01, I02, I05, I06, I07, LAS01, LAS07, LAS14, TL01, TL05, TL06, TL08, TL09	State: Original Status: In Progress	June 2009 to June 2012	Technology Director, Network Administrator, Campus Technicians	Inventory records, technology data, purchasing and financial records

OBJECTIVE 4.2:
Enforce a policy of Internet safety that includes measures to block or filter content for both minors and adults to inappropriate materials.

Budget Amount $15,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
4.2.1:	Provide district and campus administration the ability to regularly monitor and control staff and student use of Internet sites as required by CIPA regulations. LEA LRPT Correlates: I02, LAS01, LAS02,	State: Original Status: In Progress	June 2009 to June 2012	Technology Director, Network Administrator, Assistant Principals	Filtering contract, monitoring logs, purchase orders, discipline reports, laptop removal log, parent conference documentation

	TL05				

<table>
<tr><td colspan="6">OBJECTIVE 4.3:
Expand opportunities for parent and community access to technology.

Budget Amount $75,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 03, 06, 09, 10</td></tr>
<tr><td colspan="2">Strategies</td><td>State/Status:</td><td>Timeline:</td><td>Person(s) Responsible:</td><td>Evidence:</td></tr>
<tr><td>4.3.1:</td><td>Make district resources, including instructional staff, available for college classes, classes to improve technology skills, pre-employment classes, and adult literacy classes for parents and community members.

LEA LRPT Correlates: EP01, I01, I02, I09, LAS01, LAS05, LAS13, LAS15, TL15, TL16</td><td>State: Original

Status: Planned</td><td>June 2009 to June 2012</td><td>Assistant Superintendent, Technology Department, Technology Integration Specialist</td><td>Media releases, class schedules, technology documentation, campus newsletters</td></tr>
</table>

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: $4,604.00

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

Budget year 2009		
Budget item	**Cost**	**Funding Sources with amount per source**
Staff Development	$32,804.00	$4,604 Title II,Part D

		$14,200 Technology (161) $5,000 Federal (211) $3,000 HS Allotment (429) $6,000 Carl Perkins (244)
Telecommunications & Internet Access	$47,000.00	$47,000 Technology (161)
Materials & Supplies	$300,929.00	$229,550 Technology (161) $15,967 State (411) $42,912 Federal (211) $12,500 HS Allotment (429)
Equipment	$195,500.00	$167,000 Technology (161) $20,000 State (411) $2,500 Federal (211) $6,000 HS Allotment (429)
Maintenance	$151,226.00	$151,226 Technology (161)
Miscellaneous Expenses	$0.00	NA
Total	$727,459.00	

Budget year 2010

Budget item	Cost	Funding Sources with amount per source
Staff Development	$72,804.00	$4,604 Title II,Part D $54,200 Technology (161) $5,000 Federal (211) $3,000 HS Allotment (429) $6,000 Carl Perkins (244)
Telecommunications & Internet Access	$47,000.00	$47,000 Technology (161)
Materials & Supplies	$300,929.00	$229,550 Technology (161) $15,967 State (411) $42,912 Federal (211) $12,500 HS Allotment (429)
Equipment	$195,500.00	$167,000 Technology (161) $20,000 State (411) $2,500 Federal (211) $6,000 HS Allotment (429)
Maintenance	$181,226.00	$181,226 Technology (161)
Miscellaneous Expenses	$0.00	NA

Total	$797,459.00	

Budget year 2011		
Budget item	**Cost**	**Funding Sources with amount per source**
Staff Development	$72,804.00	$4,604 Title II,Part D $54,200 Technology (161) $5,000 Federal (211) $3,000 HS Allotment (429) $6,000 Carl Perkins (244)
Telecommunications & Internet Access	$47,000.00	$47,000 Technology (161)
Materials & Supplies	$300,929.00	$229,550 Technology (161) $15,967 State (411) $42,912 Federal (211) $12,500 HS Allotment (429)
Equipment	$195,500.00	$167,000 Technology (161) $20,000 State (411) $2,500 Federal (211) $6,000 HS Allotment (429)
Maintenance	$181,226.00	$181,226 Technology (161)
Miscellaneous Expenses	$0.00	NA
Total	$797,459.00	

Evaluation

Evaluation Process:
Evaluation of the Technology Plan will be a systematic ongoing process. All aspects of the Plan will be evaluated formally two times each year in November and June. The November evaluation will be formative and June will be summative. Individual goals, objectives, and strategies will be reviewed bi-monthly in the District Technology Team Meetings.

The Technology Committee will be responsible for the ongoing evaluation of this plan. The intention of the evaluation will be to make decisions concerning the impact that technology has on the learning process for all students. A report will be given to the Superintendent and the Board of Trustees after each formal evaluation occurs.

Evaluation Method:
Evaluation of the Brady ISD Technology Plan will be based upon data gathered from a variety of sources, all addressing the following goals and objectives:

- Integrating technology into curriculum and instruction
- Increasing the ability of teachers to teach
- Enabling students to meet challenging state academic standards
- Acquiring and deploying technologies and telecommunication services
- Meeting timelines for implementation

STaR Chart results for each campus will be used to help BRADY ISD assess its progress toward meeting the goals of the Long Range Plan for Technology.

Other methods used for evaluation will include:

- Staff surveys conducted once yearly in regards to their use of technology in the classroom
- Informal interviews conducted once a semester by the campus Technology Plan Committee representative
- Records of staff member participation in technology training monitored by sign-in sheets and teacher professional development records.
- Integration of training into the classroom as measured by lesson plans and number and type of technology and distance learning projects.
- Monitoring and documentation of community access to technology resources and information on the campuses and on the web site.
- Monitoring and documentation of community involvement
- Yearly inventory of hardware and software
- Support and maintenance of technology as documented by technical support records
- Student achievement data as reflected in the TAKS, AEIS, and AYP data
- Principal feedback from PDAS and classroom walk-throughs documenting use of technology in the classrooms and into the curriculum
- Inventory data of technology equipment
- Parent surveys
- Evaluation of plan implementation process

Funds expended for technology will be documented through purchase orders, invoices, and financial statements. The Brady ISD budget will reflect technology expenditures and items purchased by the district. Property inventory lists will be used to document hardware acquisitions, student-to-computer ratios, and staff-to-computer ratios.

Appendix

Attachment item A:
Acceptable Use Policy

- Web site: http://www.bradyisd.org

Attachment item B:
Brady ISD CIPA Policy

- Web site: http://www.bradyisd.org

Attachment item C:
Brady ISD CIPA Policy

- PDF file:
  http://www.tasb.org/policy/pol/private/160901/pol.cfm?DisplayPage=CQ(LEGAL).pdf&QueryText=CIPA

Attachment item D:
Acceptable Use Policy

- PDF file:
  http://www.tasb.org/policy/pol/private/160901/pol.cfm?DisplayPage=CQ(LOCAL).pdf&QueryText=ACCEPTABLE%20USE

Brady Independent School District 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.
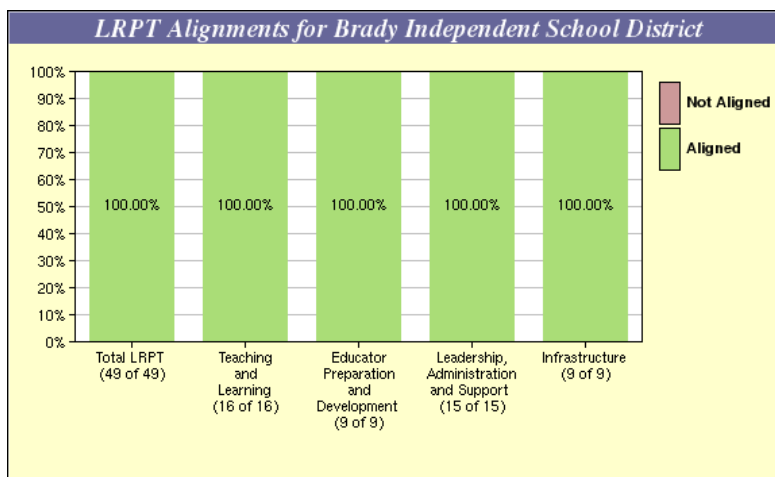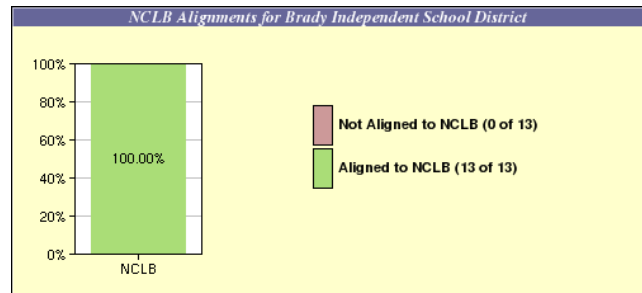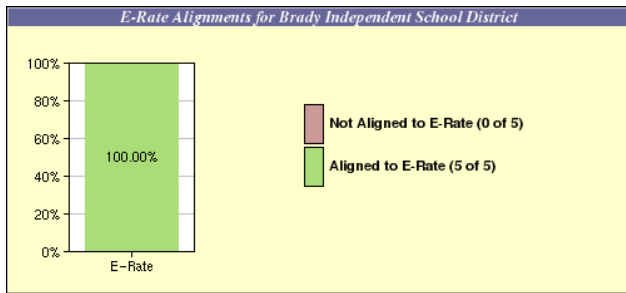
Texas Education Agency

2009 Technology Plan Approval Certificate

The Texas Education Agency is certified by the Schools and Libraries
Division (SLD) to approve technology plans for participation
in the Schools and Libraries Universal Service Program.

Brady Independent School District (160901)
has a technology plan that has met the standards and criteria
outlined by the SLD. This approval is effective for 3 years.
This plan was approved on February 09, 2009.

Anita Givens
Deputy Associate Commissioner
Standards and Alignment