

PLAN INTRODUCTION

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

We updated the strategies that listed the hiring of 2 Instructional Technology Specialists to complete because we have hired them. We also updated strategies that listed STaR Chart completion and Technology Skills Checklist to In Progress. Any changes were because a strategy is completed or in progress. No new goals, objectives, or strategies were added.

Technology Planning Committee: Jennifer Bergland, Betty Sanders, Karen Ridgway, Jennifer Lemons, Sharon Ogden, Brad Goodman, Jack Dacus '05-'06

District Technology Committee: June Weathers, Ann Holt, Amy Mason, Cathy Edwards, Lucinda Jordan, Jessica Slape, Jody Benedict, LaDonna Gatlin, Ronny Werner, Cynthia Hodges, Toni Jennings, Donna Dixon, Tony Degel, Anna Neff, Dinah Bolton, Blake Reeves, Angela Wells, Christina Caudillo, Patty Lampley, Donna Colley, Mike Bridges, Alison Luza, Monica Sigler, Teresa Beckham, Lauren Wagner, Dorothy Yeppez, Diane Ball

District Focus Groups: Rachel Henderson, Grady Slaydon, Brad Goodman, Charlie Zapalac, Charla Cook, John Carine, Bethany DeLeon, Dee Gibson, Janis Greeno, Djuana Hill, Heidi Sauer, Sandal Stephenson, Hugh Piatt, Zane Taylor, Ralph Hardy, Anthony Reinberg, Josh Woodall, Brad Shelton, Laarni Malapira, John Shelton, John Reese, Walt Surovik, Jacque Barnett, LaDonna Gatlin, Sandra Wood, Melinda Brown, Saul Pena, Jocelyn Craig, Shelia Renehie, John Ward, Tonya Hall, Sarah Chupp, Denise Prince, Sandy Fleming, Theresa Robinson, Anna Neff, Ashley Duncan, Kristen Felder, Patricia Puckett, Stacey Brown, Mary Wilson, Robert Tatum, Barbara Ybarra, Sharon Ogden, Virginia Laudermilk, Kyle Jones, Jason Puente, Lane Buban, Silvia Dominquez, Marc Hodges, Anna Murchison, Allison Ard, Bill Reynolds, Kristen Tubbs, Elaine Mies, Soila Ramirez, Jessica Amstutz, Marcie Duley, Ralph Carter, Marilyn Rosas, Linda Madden, Laurie Slaydon, Linda Simpson-Jones, Judy Joiner and Cindy Wolfe

EXECUTIVE SUMMARY

Great improvements have been made within the Bryan ISD technology department since the last technology plan was approved in 2004. Bryan ISD's fiber-based wide-area network offers the district a high-speed infrastructure, which is capable of supporting data, voice, and video traffic for many years to come.

The district has been able to maintain a computer ratio of 4:1 and the state guideline of 1:1 computer to teacher ratio. The district staff has increasingly utilized online resources to accomplish their administrative and instructional tasks. Major district-wide systems that have been implemented include:

- online student testing analysis for administrators and teachers (ETS)
- curriculum planning software (TaskStream)
- video-based curriculum resources (United Streaming)
- on-line teacher access for student attendance & grade reporting (Excelsior)
- online parent and student access to grades (Pinnacle Internet Viewer)
- a system that assists the Special Services staff develop IEPs (Special Education Manager)
- a system utilized by the nursing staff to maintain health documentation (SNAP)
 - an online point of sale system for the cafeterias (PCS)
- online instructional resources are available for staff and students (Atomic Learning, EasyTech, netTrekker)
- upgrade to Finance Plus and Student Plus
- wireless access has been installed at most campuses
- implemented 1:1 technology immersion pilot at SFA and begun professional development with the Rayburn teachers to support the 1:1 initiatives on that campus
- online access to employee personnel information (Employee Access Center)

Although we have increased the number of computers, we have not yet met the state goal of one computer for every student. The computers are also aging. Out of 6186 instructional computers, 768 are five years or older. The replacement cycle for instructional and administrative computers is five years but the district is not able to replace all computers that are deemed obsolete. There is a direct correlation between the technical support required and the age of the computer. The district would like to replace the computers every three to four years.

While there has been tremendous expansion of technologies throughout Bryan ISD for staff and students, technology support staff continues to fall short of the levels recommended in 2000. As the district strives to reach the goal of 1:1 (one computing device for each student and staff member), the need for technology support staff will continue to grow. As the district's dependence on technology for information, business processing, and instructional delivery continues to grow, the current shortages must be addressed and appropriate support levels must be planned and funded in the future.

The goal of a 1:1 computer ratio also requires improvements to campus infrastructures. Most campuses have been equipped with wireless connectivity, but this plan includes strategies to complete this objective. As technologies are integrated into all areas of instruction, projection devices will be required for all classrooms.

The implementation of wireless systems increases the need for tighter network security. The district also needs to create a more comprehensive disaster recovery plan in light of recent natural disasters.

Increasingly, parents and students want access to pertinent student data online. Additionally, they are asking for the capability to provide the district with their student's data in a digital format. These two issues have highlighted the district's need for a portal that would provide students, teachers, and staff one website that would give them access to almost all their data needs.

The district has provided an extensive amount of training for teachers but has still not reached the Target Tech level as stated in the Texas STaR chart. Most teachers are proficient in the use of technology but have not yet been able to integrate the technology into their core curriculum and teaching at higher levels. This plan will allow staff to evaluate their progress and then create a personal growth plan to help achieve the skills necessary to use technology to support the core curriculum and meet basic technology requirements of their job.

The district needs to move forward in implementing the technology applications TEKS in grades K-8. The adoption of EasyTech has provided teachers with the necessary tools to ensure that these required TEKS are taught in grades K-8. The district also needs to increase the high school technology applications offerings.

The Technology Department of Bryan ISD continues to offer instructional tools, which can improve educational opportunities for all students and introduce products that offer improvements for data management and district communications. The 2007-2010 Technology Plan serves as a blueprint for future recommendations and enhancements to technology programs in Bryan ISD.

NEEDS ASSESSMENT

Assessment Process

In the 2005-2006 school year, Bryan ISD reviewed the technology needs of the district. Consultants were hired to conduct focus groups with administrators, teachers, support staff, and community members to determine the unmet needs in professional development, infrastructure, technical and instructional support, data management, and technology integration into teaching and learning.

The district's Technology Committee studied the State Long Range Plan for Technology, the Focus Group Findings, the STaR chart data for the district, district inventories of both hardware and software, and the 2004-2007 BISD Technology Plan to determine what changes needed to be made to the plan to address the unmet needs identified by the focus groups.

Existing Conditions

Bryan Independent School District has made great strides with the implementation of administrative and instructional technology. The district has cabled all 28 buildings so that each campus has a LAN with a fiber-optic backbone and 100 MB switched service to all classrooms and offices. All classrooms are equipped with multiple data, voice, and video drops as well as televisions and VCRs, which are tied to campus-based video head-in rooms for use with campus broadcasting. Teachers have complained that the TV in the classroom is not suitable for computer viewing because of the clarity of the projection and the size of the TV.

The district installed a fiber-optic WAN that connects all buildings to the Network Operating Center (NOC) which is located in the Technology Support Center. The WAN is connected to TTVN (Texas A&M) for Internet access through fiber that was installed as part of our participation in the Brazos-Valley Community Network (BVCNet). The WAN provides the district with data, video, and voice connectivity. A Cisco VOIP system was installed in order to provide telephone service to all buildings. Four video-conferencing systems are installed at BHS, SFA, Long, and at the Technology Support Center. Mobile video-conferencing systems have also been installed in some teacher's classrooms at Long, Branch, Navarro, Jones, Kemp, and Crockett as part of the TARGET grant.

The district has over 6186 computers for students and staff use, but has still not reached a 3:1 student to computer ratio much less the new state recommendation of a 1:1 ratio. The district does have a 1:1 teacher to computer ratio. Almost all elementary campuses and the three middle school campuses

have provided laptops for each teaching staff member.

Almost all campuses have a wireless network that is robust enough to handle either a 1:1 deployment or multiple COWs (computer on wheels mobile lab).

The construction of the NOC has enabled the district to begin centralizing the campus servers.

The TVs in each classroom are used primarily for campus created programming and educational video programs.

A vast number of the district laser printers were purchased in 1997-98.

Over the past ten years there has been much attention given to the professional development of teachers in the area of technology use.

Many of our teachers have benefited from multiple grants from the state focusing on the use of technology. The district offers four Technology Applications courses at the high school and a Technology Applications class is also offered at the middle schools that do not have a 1:1 project. K-5 classrooms do not consistently teach the Technology Applications TEKS across the district.

Administrative technology has been expanded to include teacher access to student data, a district-wide gradebook management system, and web access to a variety of administrative databases. Further expansion, disaggregation tools and parent access are needed.

In 2006 the district established and wrote the District Technology Standards. These standards will be used as new buildings are constructed or old buildings are renovated.

Both instructional and administrative computing continues to expand their programs and functions to better serve the students and staff of Bryan ISD. There is a huge dependency upon technology as instructional and administrative tools. The recommendations made in the last two technology plans have not been fully implemented due to budget constraints. Additionally, under-staffing continues to cause a backlog in support of hardware and software and professional development demands.

Technology Needs

The district needs to increase distance-learning opportunities to ensure that each secondary campus has this capability. To accomplish this, the district needs to purchase additional video-conferencing units, provide on-line learning opportunities, and train staff in teaching within the "distance-based classroom".

The State of Texas has stated that in the near future most of the required state assessments will be delivered online. The state is also moving to online instructional materials as an option for curriculum materials instead of textbooks. The district is wanting to purchase laptops as the student and teacher computer. At the secondary schools it is desired that every student will have a laptop to support the state goal of 1:1 for all students. This plan supports that effort by continuing the 1-Vision project at SFA and Rayburn. At the elementary schools and the secondary schools that are not yet at a 1:1 ratio, the district intends to purchase COWs instead of desktop computers.

The district is wanting to equip every teacher in the district with a mobile laptop computer. The high school and three elementary campuses still need laptops for each of their teachers.

The district needs to evaluate the printer inventory and create an obsolescence and replacement plan to ensure that each campus has the number of printers it needs to meet the demand. The district needs to install wireless access points at Bryan High School and a few at some of the elementary schools to meet the district standard.

The price of LCD projectors have decreased enough for the district to pursue installing one in each classroom so that all students in a classroom can easily see the computer image that is being projected for whole group instruction. In every focus group, teachers stated this as one of their primary needs. They have also expressed a desire to utilize interactive whiteboards that aid in the level of engagement of the students in their lessons. The district needs to continue the process of centralizing the servers and the installations of long-term storage solutions. A staff development plan needs to be aligned with the new STaR Chart to help teachers achieve the technology skills outlined in the SBEC standards for beginning teachers.

The district needs to move forward in implementing the technology applications TEKS in grades K-8. The adoption of EasyTech will provide teachers with the necessary tools to ensure that these required TEKS are taught in grades K-8. The district also needs to increase the high school technology applications offerings.

Parents and students need access to all data that is pertinent to the management and support of the student's education. The district needs to provide sufficient staff to support the technology initiatives.

GOALS, OBJECTIVES, AND STRATEGIES

Goal 1: Provide support for the integration of technology to assist teachers in fostering greater levels of interest, inquiry, analysis, collaboration, creativity, and content production.

Objective 1.1: Increase integration of the Technology TEKS into core academic subjects connecting them to state and national standards. Budget for this objective: \$9,000.00 LRPT Category: Teaching and Learning E-Rate Correlates: ER02 NCLB Correlates: 01

Strategy 1.1.1: Train teachers on locating the correlated Technology TEKS. State: Original Status: Planned Timeline: Sept. 2006 - May 2007 Person(s) Responsible: Betty Sanders Evidence: Technology Applications TEKS will be reflected in the teacher's lesson plans. Comments: LRPT Correlates: EP01, TL01

Strategy 1.1.2: Align the Technology TEKS with the existing core curricula in the district's curriculum management system (TaskStream). State: Original Status: Planned Timeline: July 2007-2010 (Ongoing) Person(s) Responsible: Betty Sanders Evidence: The correlations will be accessible in the curriculum management system (TaskStream). Comments: LRPT Correlates: EP01, TL01, TL07, TL08

Strategy 1.1.3: Train teachers on using EasyTech Technology Applications curriculum in K-8 classrooms. State: Original Status: Planned Timeline: Annually in August (New Teacher Training) Person(s) Responsible: Betty Sanders Evidence: Participant sign up listed in online registration system, participant sign-in sheets. Comments: Bryan ISD adopted the EasyTech Tech Apps Curriculum. ER02, No1, No4b, B2b, B2c LRPT Correlates: EP01, TL01, TL05, TL13

Strategy 1.1.4: Integrate EasyTech Technology Applications into content areas in grades K-8. State: Original Status: Planned Timeline: August 2007-2010 Person(s) Responsible: Betty Sanders Evidence: Documentation in teacher lesson plans, observed in administrator walk-throughs Comments: ER01, LRPT Correlates: TL01, TL05

Objective 1.2: Provide software and curriculum resources for student and staff access. Budget for this objective: \$1,084,100.00 LRPT Category: Teaching and Learning E-Rate Correlates: ER01 NCLB Correlates: 08

Strategy 1.2.1: Continue to add curriculum resources to online curriculum management system. State: Original Status: Planned Timeline: August 2007 - June 2010 Person(s) Responsible: Core Content Curriculum Learning Facilitators Evidence: Curriculum Management system is populated with resources. Comments: Atomic Learning, United Streaming, Gale Resources, netTrekker, and other online delivery systems. LRPT Correlates: TL01

Strategy 1.2.2: Create a portal site where students, staff, and parents can access curriculum, online resources, testing data, grades, attendance data, library resources, help resources, and other resources deemed important to increase the academic achievement of students. State: Original Status: Planned Timeline: August 2007 - June 2008 Person(s) Responsible: Jennifer Bergland Evidence: Portal created and accessible by students, staff, and parents. Comments: Board Goals: Lost or Quiet Students, Objective 3 Infrastructure, Objective 2 LRPT Correlates: I08, LAS11, TL07, TL15

Strategy 1.2.3: Maintain sufficient Internet Access to accommodate the productivity of campus staff and availability of instructional resources. State: Original Status: Planned Timeline: August 2007 - July 2010 Person(s) Responsible: Jennifer Bergland Evidence: Network logs indicating use of network Comments: Board Goals: Infrastructure- Up to date technology LRPT Correlates: TL08, TL09

Strategy 1.2.4: Provide support for teachers as they integrate keyboarding skills into their classroom curriculum units. State: Original Status: Planned Timeline: August 2007-2010 Person(s) Responsible: Betty Sanders Evidence: Teachers are teaching keyboarding skills to students at the elementary schools. Comments: Bryan ISD Focus Groups 3.2, 4.2a LRPT Correlates: EP01, TL01, TL06

Strategy 1.2.5: Purchase software for new computers added to the district inventory. State: Original Status: Planned Timeline: July 2007-2010 Person(s) Responsible: Jennifer Bergland Evidence: Software purchase orders Comments: LRPT Correlates: I09, TL08

Strategy 1.2.6: Provide required online resources for 1:1 laptop project (1Vision) participants. State: Original Status: Planned Timeline: August 2007-2010 Person(s) Responsible: Jennifer Bergland Evidence: Purchase order reflecting purchase of these resources. Comments: Board Goals: Infrastructure - Up to date technology Secondary Schools as National Models: Outcome 4 LRPT Correlates: LAS10, TL01, TL04, TL07, TL08

Strategy 1.2.7: Provide training and resources for teachers to address Internet safety and the district's acceptable use policy with their students. State: Original Status: Planned Timeline: August 2007-2010 Person(s) Responsible: Betty Sanders Evidence: Resources are developed and posted for teachers in their First Class campus conferences; training agendas Comments: LRPT Correlates: EP01, EP03, EP04, TL14

Objective 1.3: Provide distance-learning opportunities for students and staff. Budget for this objective: \$51,000.00 LRPT Category: Teaching and Learning E-

Rate Correlates: ER01 ER02 NCLB Correlates: 08

Strategy 1.3.1: Determine which courses will be taught utilizing distance-learning technology. State: Original Status: Planned Timeline: August 2007-2010 Person(s) Responsible: Barbara Ybarra Evidence: Online and video-conferencing courses approved by Board of Trustees and included in course description catalog. Comments: LRPT Correlates: LAS15, TL08, TL09, TL12, TL13

Strategy 1.3.2: Select and train online instructors for creation of distance learning courses. State: Original Status: Planned Timeline: November 2007-August 2010 Person(s) Responsible: Barbara Ybarra Evidence: Courses accessible online and via video-conferencing. Comments: Board Goals: Secondary Schools as National Models - Outcome 4 LRPT Correlates: EP01, LAS15, TL08

Strategy 1.3.3: Increase student enrollment in distance learning offerings. State: Original Status: Planned Timeline: January 2008-August 2010 Person(s) Responsible: Barbara Ybarra Evidence: Student participation in distance learning courses. Comments: Board Goals: Secondary Schools as National Models - Objective 2 LRPT Correlates: TL08

Strategy 1.3.4: Create an online resource in First Class where teachers can establish partnerships with other classrooms or experts and utilize distance-learning technologies for collaboration. State: Original Status: Planned Timeline: July 2007-December 2007 Person(s) Responsible: Barbara Ybarra Evidence: Classroom participation in video-conferencing and other online tools. Comments: This will be ongoing project throughout the next three years. Board Goals: Infrastructure - Outcome 4 LRPT Correlates: LAS15, TL08

Objective 1.4: The district will provide telecommunication tools for students and staff. Budget for this objective: \$418,000.00 LRPT Category: Teaching and Learning E-Rate Correlates: ER01 NCLB Correlates: 03 06 07 09 10 12

Strategy 1.4.1: Upgrade and maintain e-mail service for BISD staff and secondary students. State: Original Status: Planned Timeline: August 2007-June 2010 Person(s) Responsible: Robin Jones Evidence: Log-files of First Class server Comments: This is ongoing based on student enrollment. Board Goals: Infrastructure - Outcome 2 LRPT Correlates: TL08, TL09, TL12

Strategy 1.4.2: Upgrade and maintain the unified messaging (voicemail) for district staff. State: Original Status: Planned Timeline: July 2007-June 2010 Person(s) Responsible: Robin Jones Evidence: Log-files of First Class Server Comments: Board Goals: Infrastructure - Outcome 2 LRPT Correlates: I01, TL08

Strategy 1.4.3: Provide curriculum materials using a video-streaming service. State: Original Status: In Progress Timeline: August 2007-August 2010 Person(s)

Responsible: Betty Sanders Evidence: Usage files of United Streaming.
Comments: This service will be provided to teachers and students throughout the life of this plan. United Streaming is the current vendor. Board Goals: Infrastructure - Outcome 2 LRPT Correlates: TL05, TL08

Strategy 1.4.4: Provide on-line library resources for students and staff. State: Original Status: Planned Timeline: August 2007-2010 Person(s) Responsible: Betty Sanders Evidence: Usage files of library resources Comments: This is an ongoing service that will be provided to students and staff. Board Goals: Infrastructure - Outcome 2 LRPT Correlates: TL08, TL10, TL11

Goal 2: Provide support for educators as they continue to gain technology competencies to ensure that they have the skills and ability to maximize new and robust information and communication technologies targeted to learning.

Objective 2.1: Develop and implement a technology staff development plan correlated to the technology SBEC standards to improve academic achievement
Budget for this objective: \$1,327,500.00 LRPT Category: Educator Preparation and Development E-Rate Correlates: ER02 NCLB Correlates: 01 02 03 04a 04b 07

Strategy 2.1.1: Provide a checklist of essential skills to determine the level of technology proficiency for all instructional staff. State: Original Status: In Progress Timeline: August 2007-2010 Person(s) Responsible: Betty Sanders Evidence: Checklist results Comments: This checklist will be completed by all new teachers each year in their New Teacher Technology Training. Technology Specialists and administrators will have access to their campus data for review. LRPT Correlates: EP04, EP05, TL08

Strategy 2.1.2: All instructional staff complete STaR chart survey to provide information on teachers' ability to integrate technology into teaching and learning. State: Original Status: In Progress Timeline: May 2008-May 2010 Person(s) Responsible: Betty Sanders Evidence: 100% of instructional staff complete the survey. Comments: LRPT Correlates: EP05, TL06, TL08

Strategy 2.1.3: Provide staff development to help instructional staff move to Proficient (application/analysis) level of technology proficiency. State: Original Status: Planned Timeline: August 2007-July 2010 Person(s) Responsible: Betty Sanders Evidence: 100% of instructional staff participating in technology professional development based on their personal goals. Comments: Training tied to specific applications and/or web based tools. LRPT Correlates: EP01, EP02, EP03, EP04, LAS03, LAS10

Strategy 2.1.4: Provide staff development to help instructional staff meet the distinguished level of technology proficiencies. State: Original Status: Planned Timeline: August 2007-July 2010 Person(s) Responsible: Betty Sanders Evidence: Instructional staff participating in professional development that will help move them toward Distinguished level based on their personal action plan. Comments: The professional development model developed during the district 1:1 laptop initiative (1Vision) will be used. LRPT Correlates: EP01, EP02, EP03, EP04, LAS03, LAS10

Strategy 2.1.5: Provide staff development to help instructional staff increase their skills in integrating technology into their teaching and the student's learning. State: Original Status: Planned Timeline: August 2007-July 2010 Person(s) Responsible: Betty Sanders Evidence: Constructivist strategies documented in teacher's lesson plans. Comments: Teachers will use strategies they learn as

they participate in professional development based on the 1:1 laptop initiative (1Vision) model created by Bryan ISD. Board Goals: Infrastructure - Outcome 4 LRPT Correlates: EP01, EP02, EP03, EP04, LAS03, LAS10

Strategy 2.1.6: Provide training and support for administrators to recognize best use of technology in the classroom. State: Original Status: Planned Timeline: August 2007-August 2010 Person(s) Responsible: Betty Sanders Evidence: PDAS Principal notes BISD Administrator Meeting Agendas Comments: SBEC Standards, TASA Training, 1Vision Professional Development for Campus Leaders, presentations for principals at monthly district administrator meetings. LRPT Correlates: EP03, EP04, LAS03, LAS10, TL04

Strategy 2.1.7: Coordinate with Executive Director of Assessment to provide technology support to instructional staff for data analysis. State: Original Status: Planned Timeline: August 2007-August 2010 Person(s) Responsible: Betty Sanders Evidence: Data analysis documents, agendas Comments: The district will begin implementation of IDMS for data analysis. The technology department will provide support for teachers and administrators as they learn to use the technology associated with the program and with the data analysis process. This will be ongoing as the data increases and the options for reports expand. LRPT Correlates: EP03, EP04, LAS08, TL04, TL07

Strategy 2.1.8: Provide training for support staff to help them acquire the technology skills necessary for their job. State: Original Status: Planned Timeline: August 2007-July 2010 Person(s) Responsible: Betty Sanders Evidence: Training sign-in sheets Comments: Training sessions are offered in our district lab facilities for new and existing employees to help them with the technology associated with their job. This service will continue to be offered and enhanced as new programs and upgrades are implemented and as new employees are hired. LRPT Correlates: EP03

Strategy 2.1.9: Provide district grant opportunities for teacher applicants to attend state technology conferences. State: Original Status: Planned Timeline: September 2007-August 2010 Person(s) Responsible: Betty Sanders Evidence: Grant applications are submitted and awarded. Comments: Bryan ISD Focus Groups 3.4 Board Goals: Infrastructure - Outcome 4 LRPT Correlates: EP01, EP06

Strategy 2.1.10: Expand offerings of Technology Applications courses for grades 9-12 at a rate of one class per year. State: Original Status: Planned Timeline: August 2007-May 2010 Person(s) Responsible: Betty Sanders Evidence: Courses listed in student course catalog; students registered for courses. Comments: ER01, N01, N02 This strategy will be reviewed by the Executive Director of Curriculum and Professional Development and the Director of Instructional Technology to determine which classes, if any, should be added to the High School curriculum. Additions and changes will be made as deemed necessary to meet the needs of the students and to meet state requirements.

Board Goals: Secondary Schools as National Models - Outcome 2 LRPT
Correlates: TL02

Objective 2.2: Increase Instructional Technology staff to provide more opportunities for teachers to participate in Technology Professional Development. Budget for this objective: \$405,000.00 LRPT Category: Educator Preparation and Development E-Rate Correlates: ER02 NCLB Correlates: 01 04a 07

Strategy 2.2.1: Add an Instructional Technology Specialist to serve Earl Rudder High School. State: Original Status: Completed Timeline: August, 2007 Person(s) Responsible: Betty Sanders Evidence: Instructional Technology Specialist is hired and training at Bryan High School. Comments: Bryan ISD Focus Group 1.3, 4.1.1 LRPT Correlates: EP01, EP03, EP09, TL08, TL16

Strategy 2.2.2: Add an Instructional Technology Specialist to serve Davila Middle School. State: Original Status: Completed Timeline: August, 2008 Person(s) Responsible: Betty Sanders Evidence: Instructional Technology Specialist is hired and working at Davila Middle School. Comments: Bryan ISD Focus Group 1.3, 4.1.1 LRPT Correlates: EP01, EP03, EP09, TL08, TL16

Strategy 2.2.3: Add a Distance Learning/Audio-Video Specialist to serve at the district level. State: Original Status: Planned Timeline: August 2007 Person(s) Responsible: Betty Sanders Evidence: Specialist is hired and working for the district in this position. Comments: There is a need for distance learning assistance at the district level. There is also a need for someone to assist teachers with audio/visual needs as we move into more instructional uses of these media. LRPT Correlates: EP01, EP02, EP04, EP08, EP09, I09, LAS10, LAS15, TL01

Goal 3: Provide support for administrators as they strive to understand and illuminate the possibilities that technology brings to education, model the use of technology as an integral part of their professional activities, and take a leadership role in assuring others do as well.

Objective 3.1: Establish a list of software that will be installed on district computers and implement recommendations. Budget for this objective: \$450,000.00 LRPT Category: Leadership, Administration and Support E-Rate Correlates: ER01 NCLB Correlates: 01 06 12

Strategy 3.1.1: Establish a committee of teachers, administrators, and support staff to create a list of software that will be loaded on instructional, administrative, and support staff computers. State: Original Status: Planned Timeline: August 2007-2010 Person(s) Responsible: Betty Sanders Evidence: Software list distributed to staff. Comments: This committee will review requests to determine which software or online resources should be added to the district standards based on established criteria. This will be an ongoing project since committees will have to meet semi-annually to review requests. BISD Board Goal Showcasing the District - Objective 1 & 2; Focus Group 2.3, 4.2.b LRPT Correlates: LAS01, LAS02, LAS07, TL05, TL08

Strategy 3.1.2: Install software to district computers that reflect the committee's recommendations. State: Original Status: Planned Timeline: July 2007 - June 2010 Person(s) Responsible: Jack Dacus Evidence: Software inventory will reflect committee's recommendations Comments: Board Goal Showcasing the District - Objective 1 & 2; Focus Group - 1.1.4 LRPT Correlates: I04, I05, LAS02, TL08, TL09

Objective 3.2: The district will collaborate with community entities to promote the use of and the support for technology. Budget for this objective: \$9,000.00 LRPT Category: Leadership, Administration and Support E-Rate Correlates: NCLB Correlates: 03 06 09 10

Strategy 3.2.1: The district will participate as an active member in the Brazos Valley Community Network (BVCNetwork). State: Original Status: Planned Timeline: June 2007-2010 Person(s) Responsible: Jennifer Bergland Evidence: Minutes of BVCNet Comments: LRPT Correlates: I06, LAS07, LAS15

Strategy 3.2.2: Seek partnerships with Texas A&M and Blinn Community College that will assist in implementing the district's technology plan. State: Original Status: In Progress Timeline: July 2007-June 2010 Person(s) Responsible: Jennifer Bergland Evidence: Increase in partnerships with Texas A&M and Blinn. Comments: Board Goal Showcasing the District - Outcome 3; Board Goal Infrastructure - Objective 4 LRPT Correlates: I03, LAS07, LAS13

Objective 3.3: Identify and communicate the best technology practices to the community. Budget for this objective: \$0.00 LRPT Category: Leadership, Administration and Support E-Rate Correlates: ER01 NCLB Correlates: 01 02 04b 06

Strategy 3.3.1: Establish sub-committee of the district's Technology Committee to identify teachers who can model the effective use of technology. State: Original Status: Planned Timeline: September 2007-2010 Person(s) Responsible: Betty Sanders Evidence: Published examples of model technology practices. Comments: Board Goal Showcasing the District - Objective 1 & 2; Focus Group - 2.3 LRPT Correlates: EP05, LAS03, TL08

Strategy 3.3.2: Create website that highlights the best technology practices of our teachers. State: Original Status: Planned Timeline: August 2007-August 2010 Person(s) Responsible: Betty Sanders Evidence: Website available. Comments: Board Goal Secondary Schools as National Model - Outcome 1,2,& 3; Board Goal Showcasing the District - Outcome 1,2,& 3; Focus Group - 1.3.b LRPT Correlates: EP03, EP05, LAS01

Objective 3.4: Provide technology that will allow for current and historical data to be easily retrieved. Budget for this objective: \$207,000.00 LRPT Category: Leadership, Administration and Support E-Rate Correlates: ER02 NCLB Correlates: 03 12

Strategy 3.4.1: Review data stored within the management system and recommend updates for integration into management systems. State: Original Status: Planned Timeline: January 2008 - December 2008 Person(s) Responsible: Jennifer Lemons Evidence: A district committee will be formed to review maintained data. Comments: LRPT Correlates: EP03, EP06, LAS08, LAS09, TL07, TL14

Strategy 3.4.2: Implementation of Data Warehouse System State: Original Status: Planned Timeline: July 2008 - July 2010 Person(s) Responsible: Jennifer Lemons Evidence: District will have identified strategic data components for mining and warehouse will be configured and available for productional use. Comments: Board Goal Infrastructure - Objective 2 & Outcome 2; Focus Group - 1.3.b LRPT Correlates: EP03, EP08, LAS01, LAS08, TL12, TL13

Objective 3.5: Provide technology applications that create efficient and streamlined business processes. Budget for this objective: \$377,000.00 LRPT Category: Leadership, Administration and Support E-Rate Correlates: ER01 ER02 NCLB Correlates: 12

Strategy 3.5.1: Implementation of Time Clock Accounting System State: Original Status: Planned Timeline: September 2009 – July 2010 Person(s) Responsible: Kelly Gallagher/Allen Campbell Evidence: Equipment and software will be selected and purchased to facilitate the automation of employee time

records. Data collected from time system will be fully integrated into the district payroll process. Comments: Board Goal Infrastructure - Outcome 2 LRPT Correlates: EP03, LAS01, LAS08, LAS10, TL07

Strategy 3.5.2: Implementation of Fixed Asset Bar-coding System State: Original Status: Planned Timeline: September 2009 – December 2009 Person(s) Responsible: Amy Drozd/Allen Campbell Evidence: Equipment and software will be selected and installed to facilitate the bar coding of all district fixed assets. Data collected will allow for the automation of annual inventory audits. Data collected will integrate fully with the district's inventory and financial management systems. Comments: Board Goal Infrastructure - Outcome 2 LRPT Correlates: EP03, EP06, LAS01, LAS08, LAS14

Strategy 3.5.3: Implementation of Position Control System State: Original Status: Planned Timeline: September 2009 - July 2010 Person(s) Responsible: Allen Campbell Evidence: Human Resources will have ability to accurately and effectively evaluate and plan FTE's Comments: Board Goal Infrastructure - Outcome 2 LRPT Correlates: EP03, LAS01, LAS02, LAS08, TL05

Strategy 3.5.4: Development of a business plan for the long-term electronic storage of staff evaluations. State: Original Status: Planned Timeline: September 2008 - August 2009 Person(s) Responsible: Allen Campbell Evidence: Staff evaluations will be generated in a manner which is importable to the district management system. Comments: Board Goal Infrastructure - Outcome 4, Objective 5; Board Goal Ways to Accomplish Goals Infrastructure - Effective Review process for administrators; Focus Group - 4.2.d LRPT Correlates: EP05, EP05, EP06, EP07, LAS05, LAS08

Objective 3.6: Provide software and support to enable teachers and administrators to quickly access and process student information Budget for this objective: \$100,000.00 LRPT Category: Leadership, Administration and Support E-Rate Correlates: ER01 ER02 NCLB Correlates: 11 12

Strategy 3.6.1: Implement and completely utilize Personal Graduation Plan Module. State: Original Status: Planned Timeline: September 2007 – September 2010 Person(s) Responsible: Angie Smith Evidence: District will utilize software that will support personal graduation plans as required by the State of Texas. Software will be fully implemented for use by BISD counseling staff. Comments: Board Goal Lost or Quiet Students - Outcome 2 & 4; Focus Group - 1.3.b LRPT Correlates: EP03, LAS05, LAS08, LAS09, LAS11, TL07, TL13

Strategy 3.6.2: Implementation of Student Viewer Software State: Original Status: Planned Timeline: July 2007– December 2007 Person(s) Responsible: Angie Smith Evidence: Software fully implemented to facilitate teacher access to student data from district student management system Comments: Board Goals Infrastructure - Objective 2; Focus Group -

3.1.3, 5.1.h, 5.1.L LRPT Correlates: EP03, LAS08, TL12

Strategy 3.6.3: Implementation of software to manage and disaggregate student-testing data. State: Original Status: Planned Timeline: July 2007 - May 2008 Person(s) Responsible: Lucy Larrison/Paul Ritter Evidence: Software will be utilized to facilitate the storage, management and disaggregation of student testing data Comments: Board Goal Infrastructure - Objective 2; Focus Group - 3.1.3, 3.3.b LRPT Correlates: EP03, EP09, LAS02, LAS03, LAS08, TL04, TL07

Objective 3.7: Provide software to automate and streamline student information Budget for this objective: \$588,500.00 LRPT Category: Leadership, Administration and Support E-Rate Correlates: ER01 ER02 NCLB Correlates: 03 04b 11 12

Strategy 3.7.1: Integration of student pictures to student management systems. State: Original Status: Planned Timeline: August 2009 - July 2010 Person(s) Responsible: Angie Smith Evidence: Student picture will be stored and utilized within Child Nutrition System (PCS), Principal Viewer, and StudentPLUS Comments: Board Goals Infrastructure - Objective 2; Focus Group - 5.1.h LRPT Correlates: EP03, LAS05, LAS08

Strategy 3.7.2: Implementation of district attendance zones into the geo-code module. State: Original Status: Planned Timeline: September 2007 - December 2007 Person(s) Responsible: Angie Smith Evidence: Data from transportation will be integrated into registration module to support automated tracking of attendance zone requirements and next-year-campus placement. Comments: Focus Group - 3.1.3 LRPT Correlates: EP03, LAS02, LAS05

Strategy 3.7.3: Convert to web based Follett Library system State: Original Status: Planned Timeline: January 2009 - July 2010 Person(s) Responsible: Jennifer Lemons Evidence: Utilizing the web based Follett Library system Comments: LRPT Correlates: EP08, LAS01, LAS03, LAS09, TL08, TL10, TL11

Strategy 3.7.4: Implement web based automated call system to communicate both critical and non critical messages to parent and employees State: Original Status: Planned Timeline: August 2009 - July 2010 Person(s) Responsible: Paul Ritter Evidence: District will have the ability to send out mass phone call announcements to parent and employees. This announcement should be deliverable to a call list within minutes Comments: Board Goals Infrastructure - Objective 2; Board Goals Showcasing the District - Objective 2; Board Goals Ways to Accomplish Goals Showcasing the District - Improve internal and external communication; Focus Group - 1.3.b LRPT Correlates: EP03, I08, LAS09, LAS11, TL15

Strategy 3.7.5: Implement web/on-line forms for parents to complete for registration of students each school year State: Original Status: Planned

Timeline: January 2009 - June 2010 Person(s) Responsible: Jennifer Lemons
Evidence: Parents able to go on-line and access registration forms for their student. These forms will be pre-populated with existing student data. They will only need to make changes to this information. The data from completed forms will then be loaded into the student management system Comments: Board Goals Infrastructure - Objective 2; Focus Group - 1.3.b, 3.3.a LRPT Correlates: EP03, I03, I05, LAS01, LAS07, LAS11, TL15

Strategy 3.7.6: Implementation of a Fully Digital Storage Mechanism for all Student Permanent Record Information State: Original Status: Planned Timeline: July 2007 - December 2010 Person(s) Responsible: Ed Hall, Jr. Evidence: Equipment and software will be selected and implemented which will support a full digitalization of student permanent record data and forms. All records will be integrated to form a student portfolio which is accessible district-wide. Comments: Board Goals Infrastructure - Objective 2; Focus Group - 1.3.b, 3.1.3, 5.1.h LRPT Correlates: EP03, LAS08, LAS10, TL05, TL08

Strategy 3.7.7: Automation of digital long-term storage for student records State: Original Status: Planned Timeline: July 2007 - December 2009 Person(s) Responsible: Ed Hall, Jr. Evidence: Student transcripts as well as student records stored at the district warehouse will be scanned and indexed to support district-wide access and retrieval Comments: Board Goals Infrastructure - Objective 2, Outcome 2; Focus Group - 5.1.h LRPT Correlates: EP03, LAS08, LAS14, TL07, TL08

Objective 3.8: Implement School Interoperability Framework (SIF) Technology Budget for this objective: \$180,200.00 LRPT Category: Leadership, Administration and Support E-Rate Correlates: ER01 ER02 NCLB Correlates: 03 04b 11 12

Strategy 3.8.1: Research, select, and implement Zone Integration Server (ZIS) State: Original Status: Planned Timeline: September 2007 - January 2008 Person(s) Responsible: Jennifer Lemons Evidence: ZIS is operational Comments: Board Goals Infrastructure - Outcome 2 LRPT Correlates: EP03, EP08, LAS02, LAS08, TL10

Strategy 3.8.2: Implement Sungard Pentamation SIF Agent for StudentPLUS State: Original Status: Planned Timeline: January 2008 - May 2008 Person(s) Responsible: Jennifer Lemons Evidence: Automation of data flow to and from StudentPLUS Comments: Board Goals Infrastructure - Outcome 2 LRPT Correlates: EP03, EP08, LAS02, LAS08, TL10

Strategy 3.8.3: Implement Sungard Pentamation SIF Agent for FinancePLUS State: Original Status: Planned Timeline: August 2008 - December 2008 Person(s) Responsible: Jennifer Lemons Evidence: Automation of data flow to and from FinancePLUS Comments: Board Goals Infrastructure - Outcome 2 LRPT Correlates: EP03, EP08, LAS02, LAS08, TL10

Strategy 3.8.4: Implement Child Nutrition System (PCS) SIF Agent State: Original Status: Planned Timeline: February 2008 - May 2008 Person(s) Responsible: Jennifer Lemons Evidence: Automation of data flow to and from PCS Comments: Board Goals Infrastructure - Outcome 2 LRPT Correlates: EP03, EP08, LAS02, LAS08, TL10

Strategy 3.8.5: Implement Special Ed Manager SIF Agent State: Original Status: Planned Timeline: August 2008 - December 2008 Person(s) Responsible: Jennifer Lemons Evidence: Automation of data flow to and from Special Ed Manager Comments: Board Goals Infrastructure - Outcome 2 LRPT Correlates: EP03, EP08, LAS02, LAS08, TL10

Strategy 3.8.6: Implement nursing software system (SNAP) SIF Agent State: Original Status: Planned Timeline: January 2009 - May 2009 Person(s) Responsible: Jennifer Lemons Evidence: Automation of data flow to and from Snap Comments: Board Goals Infrastructure - Outcome 2 LRPT Correlates: EP03, EP08, LAS02, LAS08, TL10

Strategy 3.8.7: Implement Library Software (Follett) SIF Agent State: Original Status: Planned Timeline: September 2009 - December 2009 Person(s) Responsible: Jennifer Lemons Evidence: Automation of data flow to and from Follett Comments: Board Goals Infrastructure - Outcome 2 LRPT Correlates: EP03, EP08, LAS02, LAS08, TL10

Objective 3.9: Develop and implement district disaster recovery plan for financial and student information as well as for 3rd party software packages associated with financial and student data Budget for this objective: \$208,000.00 LRPT Category: Leadership, Administration and Support E-Rate Correlates: ER01 NCLB Correlates: 03 12

Strategy 3.9.1: Research and select disaster recovery (DR) hardware to be used for financial and student management information State: Original Status: Planned Timeline: July 2007 - December 2007 Person(s) Responsible: Jennifer Lemons Evidence: Hardware purchased, installed and tested Comments: Board Goals Infrastructure - Outcome 2 LRPT Correlates: EP08, LAS11, LAS14, TL09

Strategy 3.9.2: Research, select, implement, and configure disaster recovery backup software for financial and student management software State: Original Status: Planned Timeline: July 2007 - December 2007 Person(s) Responsible: Jennifer Lemons Evidence: Backup software purchased, installed and tested Comments: Board Goals Infrastructure - Outcome 2 LRPT Correlates: EP08, LAS11, LAS14, TL09

Strategy 3.9.3: Research and select disaster recovery (DR) hardware to be used for 3rd party windows based software associated with financial and student management information State: Original Status: Planned Timeline: January 2008 - July 2008 Person(s) Responsible: Jennifer Lemons Evidence: Hardware

purchased, installed and tested Comments: Board Goals Infrastructure - Outcome 2 LRPT Correlates: EP08, LAS11, LAS14, TL09

Strategy 3.9.4: Research, select, implement, and configure disaster recovery (DR) backup software for 3rd party windows based software associated with financial and student management information State: Original Status: Planned Timeline: January 2008 - July 2008 Person(s) Responsible: Jennifer Lemons Evidence: Backup software purchased, installed, and tested Comments: Board Goal Infrastructure - Outcome 2 LRPT Correlates: EP08, LAS11, LAS14, TL09

Strategy 3.9.5: Utilize the COSN CyberSecurity Audit process to review the security of the district's network. State: Original Status: Planned Timeline: August 2007 - July 2008 Person(s) Responsible: Jennifer Lemons Evidence: Document detailing security recommendations. Comments: Board Goal Infrastructure - Outcome 1; Board Goal Ways to Accomplish Goals Secondary Schools as National Model - Safe and Secure School; Board Goal Ways to Accomplish Goals Infrastructure - Create an atmosphere of trust throughout the district LRPT Correlates: I01, I03

Strategy 3.9.6: Evaluate systems in place to secure district data State: Original Status: Planned Timeline: January 2008 - December 2008 Person(s) Responsible: Jennifer Lemons Evidence: Systems identified that affect security of data Comments: Board Goal Infrastructure - Outcome 1; Board Goal Ways to Accomplish Goals Secondary Schools as National Model - Safe and Secure School; Board Goal Ways to Accomplish Goals Infrastructure - Create an atmosphere of trust throughout the district LRPT Correlates: EP03, LAS02, LAS08

Goal 4: Provide and support a 21st Century infrastructure that is safe and secure, flexible, scalable, reliable and allows easy access to tools that will allow students and teachers to access online information and materials, do collaborative work, and broadly share resources.

Objective 4.1: Support client machines and servers. Budget for this objective: \$208,872.00 LRPT Category: Infrastructure for Technology E-Rate Correlates: ER01 NCLB Correlates: 03 05 12

Strategy 4.1.1: Provide software for the management of computer and server clients. State: Original Status: Planned Timeline: July 2007 - August 2010 Person(s) Responsible: Jack Dacus Evidence: Software installed. Comments: LRPT Correlates: I05

Objective 4.2: Support network monitoring and content filtering. Budget for this objective: \$132,300.00 LRPT Category: Infrastructure for Technology E-Rate Correlates: ER01 NCLB Correlates: 03 05 12

Strategy 4.2.1: Provide network content filtering so that access to inappropriate websites will be minimized. State: Original Status: Planned Timeline: September 2007- August 2010 Person(s) Responsible: Robin Jones Evidence: Network logs indicate a decrease in inappropriate access. Comments: Board Goal Infrastructure - Outcome 1 LRPT Correlates: I05, I09, TL09

Objective 4.3: Provide a staff that will support implementation of the technology plan Budget for this objective: \$1,133,000.00 LRPT Category: Infrastructure for Technology E-Rate Correlates: ER01 NCLB Correlates: 01 03 12

Strategy 4.3.1: The district will provide technical support staff for every 350 computers. State: Original Status: Planned Timeline: July 2007-2010 Person(s) Responsible: Jack Dacus Evidence: The district will have one technician for every 350 computers. Comments: Focus Group - 1.3.a. 3.1.1, 4.1.1 LRPT Correlates: I01

Strategy 4.3.2: Add network staff to maintain the network. State: Original Status: Planned Timeline: July 2007-2010 Person(s) Responsible: Jack Dacus Evidence: The network is efficiently managed. Comments: Focus Group - 1.3.a, 3.1.1, 4.1.1 LRPT Correlates: I01

Strategy 4.3.3: Add staff that will procure, inventory, move, and dispose of equipment. State: Original Status: Planned Timeline: July 2007-August 2010 Person(s) Responsible: Jack Dacus Evidence: Decrease the time it takes to obtain, inventory and deliver new equipment and the time it takes to dispose of obsolete equipment. Comments: Focus Group - 1.3.a, 3.1.1, 4.1.1 LRPT Correlates: I01, I07, LAS02

Objective 4.4: Provide a hardware infrastructure for technical resources to implement and maintain district endeavors dependant on technology. Budget for

this objective: \$10,170,265.00 LRPT Category: Infrastructure for Technology E-Rate Correlates: ER01 ER02 NCLB Correlates: 01 02 03 05 06 12

Strategy 4.4.1: Continue implementation of a 1:1 laptop project at SFA Middle School and Rayburn Middle School. State: Original Status: In Progress Timeline: July 2007-June 2010 Person(s) Responsible: Barbara Ybarra Evidence: Student data, classroom walkthroughs, TCER data, TEA presentations on the TIP projects, conferences with principals, teacher feedback committees, 1Vision Showcase. Comments: Board Goal Showcasing the District - Outcome 1, 2, & 3; Focus Group - 1.1.2, 1.3.b LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP09, I03, I04, I05, I06, I07, LAS03, LAS07, LAS08, LAS10, TL01, TL05, TL09, TL12, TL15, TL16

Strategy 4.4.2: Provide access to other technical equipment for classrooms; copiers, scanners, digital cameras, and other emerging technologies. State: Original Status: Planned Timeline: July 2007-August 2010 Person(s) Responsible: Jack Dacus Evidence: District inventory of technical equipment purchased during this time frame. Comments: Board Goal Infrastructure - Outcome 2; Focus Group - 2.2 LRPT Correlates: I03, I05

Strategy 4.4.3: Provide a projection system in each classroom so that a computer image can easily be seen and heard by all students. State: Original Status: Planned Timeline: December 2007-January 2010 Person(s) Responsible: Jack Dacus Evidence: District inventory of classroom projectors. Comments: Focus Group - 1.3.d, 2.2.a LRPT Correlates: I01, TL07, TL08

Strategy 4.4.4: Implement a replacement schedule for computers to reach a 5-year replacement cycle. State: Original Status: Planned Timeline: September 2007 - August 2010 Person(s) Responsible: Jack Dacus Evidence: Computer Inventory Records Comments: Board Goal Infrastructure - Outcome 2 LRPT Correlates: I01, I07, TL10

Objective 4.5: Provide a telecommunication infrastructure for technical resources to implement and maintain district endeavors dependant on technology. Budget for this objective: \$2,649,490.00 LRPT Category: Infrastructure for Technology E-Rate Correlates: ER01 ER02 NCLB Correlates: 01 02 03 05 06 12

Strategy 4.5.1: Install wireless access points for complete wireless coverage on campuses. State: Original Status: Planned Timeline: July 2007 - June 2010 Person(s) Responsible: Brad Goodman Evidence: Campuses have wireless coverage in every classroom. Comments: Board Goal Infrastructure - Outcome 2; Focus Group - 2.2.d, 5.1.b LRPT Correlates: I01, I09

Strategy 4.5.2: Install telecommunication cabling infrastructure for new campuses for internal and external access (LAN and WAN) State: Original Status: Planned Timeline: July 2007-June 2010 Person(s) Responsible:

Brad Goodman Evidence: The network is available for use 99% of the time.
Comments: Board Goal Infrastructure - Outcome 2 LRPT Correlates: I01, I05, I06

Strategy 4.5.3: Upgrade and maintain VOIP telephone system State: Original Status: Planned Timeline: July 2007-June 2010 Person(s) Responsible: Charlie Zapalac Evidence: Telephone service is available 99.9% of the time.
Comments: Board Goal Infrastructure - Outcome 2 LRPT Correlates: I02, I03, I05, I06, I07

Strategy 4.5.4: Maintain and upgrade data connectivity to service providers for telephone. State: Original Status: Planned Timeline: July 2007-June 2010 Person(s) Responsible: Charlie Zapalac Evidence: Telecommunication service is available 99.9% of the time. Comments: Board Goal Infrastructure - Outcome 2 LRPT Correlates: I01, I05

Strategy 4.5.5: Provide long-distance service for district telephone system. State: Original Status: Planned Timeline: July 2007-June 2010 Person(s) Responsible: Suzanne Phelps & Charlie Zapalac Evidence: Long-distance is available for district personnel 99% of the time. Comments: LRPT Correlates: I01

Strategy 4.5.6: Upgrade, add switches and servers on campus LANs and district WAN as needed to maintain a consistent and modern network for all users. State: Original Status: Planned Timeline: September 2007 - August 2010 Person(s) Responsible: Brad Goodman, Flavio Saucedo, Cindy Reynolds Evidence: The network and servers are available for use on a consistent basis. Comments: Board Goal Infrastructure - Outcome 2 LRPT Correlates: I01, I03, I05, I06, I08, I09, TL09, TL10

Objective 4.6: Provide an infrastructure for video-distribution system to implement distance learning for the district. Budget for this objective: \$70,000.00 LRPT Category: Infrastructure for Technology E-Rate Correlates: ER01 NCLB Correlates: 03 05 06 08 12

Strategy 4.6.1: Provide video conferencing systems to schools and central administration. State: Original Status: Planned Timeline: July 2007-June 2010 Person(s) Responsible: Barbara Ybarra Evidence: Equipment is available for use by campuses and administration. Comments: Board Goal Infrastructure - Outcome 2 LRPT Correlates: EP08, I05, I06, TL08, TL12, TL13

Strategy 4.6.2: Provide video conferencing access to schools and central administration. State: Original Status: Planned Timeline: August 2007-June 2010 Person(s) Responsible: Barbara Ybarra Evidence: Schools and central administration have video conferencing capability. Comments: Board Goal Infrastructure - Outcome 2 LRPT Correlates: EP08, I05, I06, TL08, TL12, TL13

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$500,500.00

Method of application for formula funds: Local Application

Budget for year 2007

Budget Item	Cost	Funding Source
Telecom	\$271,180.00	Erate=\$200,944 Local=\$70,236 Title II, Part D=\$0
Materials	\$1,396,324.00	Erate=\$594,000 Local=\$784,824 Title II, Part D=\$17,500
Equipment	\$3,587,855.00	Erate=\$175,120 Local=\$2,952,735 Title II, Part D=\$460,000
Maintenance	\$367,950.00	Erate=\$71,435 Local=\$296,515 Title II, Part D=\$0
Staff Development	\$789,500.00	Erate=\$0 Local=\$766,500 Title II, Part D=\$23,000
Miscellaneous	\$75,000.00	Erate=\$0 Local=\$75,000 Title II, Part D=\$0

Total: \$6,487,809.00

Budget for year 2008

Budget Item	Cost	Funding Source
Telecom	\$276,180.00	Erate=\$206,544 Local=\$69,636 Title II, Part D=\$0
Materials	\$742,724.00	Erate=\$11,200 Local=\$714,024 Title II, Part D=\$17,500
Equipment	\$4,293,255.00	Erate=\$163,150 Local=\$4,130,105 Title II, Part D=\$0
Maintenance	\$402,300.00	Erate=\$80,490 Local=\$321,810 Title II, Part D=\$0
Staff Development	\$1,003,500.00	Erate=\$0 Local=\$980,500 Title II, Part D=\$23,000
Miscellaneous	\$176,500.00	Erate=\$0 Local=\$176,500 Title II, Part D=\$0

Total: \$6,894,459.00

Budget year for 2009

Budget Item	Cost	Funding Source
Telecom	\$268,180.00	Erate=\$210,544 Local=\$57,636 Title II, Part D=\$0
Materials	\$661,724.00	Erate=\$0 Local=\$644,224 Title II, Part D=\$17,500
Equipment	\$3,737,955.00	Erate=\$378,000 Local=\$3,359,955 Title II, Part D=\$0
Maintenance	\$364,100.00	Erate=\$85,310 Local=\$278,790 Title II, Part D=\$0
Staff Development	\$1,054,000.00	Erate=\$0 Local=\$1,031,000 Title II, Part D=\$23,000
Miscellaneous	\$310,000.00	Erate=\$0 Local=\$310,000 Title II, Part D=\$0

Total: \$ 6,395,959.00

EVALUATION

Evaluation Process:

Evaluation Process

The evaluation will center on determining if the goals and objectives of the plan are being met and to what extent. Both quantitative and qualitative data will be gathered to provide information regarding implementation and impact of technology in Bryan ISD. The evaluation process should reveal the extent to which the goals and activities in the plan have been implemented, the effectiveness of the activities, and the impact of the activities on the participants. Both formative and summative evaluations will be used. In doing so, the following will guide the evaluation:

- To what degree is the technology department providing support for the integration of technology to assist teachers in fostering greater levels of interest, inquiry, analysis, collaboration, creativity, and content production?
- To what degree is the technology department providing support for educators as they continue to gain technology competencies to ensure that they have the skills and ability to maximize new and robust information and communication technologies targeted to learning?
- To what degree is the technology department providing support for administrators as they strive to understand and illuminate the possibilities that technology brings to education, model the use of technology as an integral part of their professional activities, and take a leadership role in assuring others do as well?
- Is the technology department providing and adequately supporting a 21st Century infrastructure that is safe and secure, flexible, scalable, reliable and allows easy access to tools that will allow students and teachers to access online information and materials, do collaborative work, and broadly share resources.

Evaluation Method:

Evaluation Methods The following will be used to gather data and to assist the Technology Services Department in evaluating the level of implementation of the Technology Plan Goals:

- District Technology Committee
- StaR Charts
- Surveys randomly generated by HEAT and PDS-REG
- Checklist of Essential Proficiencies

- Sign-in sheets from training sessions
- PDS-REG Registration Forms
- Focus Groups

A District Technology committee made up of school personnel will continue to meet three times per semester. One of the functions of this committee is to review the Technology Plan and determine the level of implementation of the plan, to make suggestions, and to provide continuous formative evaluation.

Each year, campuses are asked to update information in their StaR Chart. Campus technology committees and district technology staff and campus administrators will review this data annually to determine the progress achieved on each campus and in the district as a whole.

Bryan ISD uses HEAT software to generate call tickets for technology assistance and repair. The system has been programmed to randomly generate surveys to be sent to some of the people who open the call tickets. The questions are tailored to gather information regarding timeliness of response, courtesy, solution to the problem, and satisfaction of service. These surveys will continue to be read by the Chief Technology Officer and the Director of Technical Support on a monthly basis with adjustments in services being made as necessary. Additionally, the Professional Development Registration system within First Class generates surveys to participants who have attended technology training. These surveys are monitored weekly by the Director of Instructional Technology.

All staff will complete an Essential Proficiency checklist and attain all the skills listed. Staff who are deficient in any area will access necessary resources, either attending training sessions or accessing online tutorials, to become proficient in those areas. This will be monitored by principals and technology training staff.

Both district and campus technology training sessions will be provided throughout the year. Sign-in sheets from all trainings will be kept for documentation. Additionally, the PDS-REG, online registration system, will be accessed to determine the number of training sessions offered and the number of participants attending.

Additionally, the Technology Leadership Team, consisting of the Chief Technology Officer, the Director of Instructional Technology, Director of Technical Support, and the Director of Management and Information Services will meet on a weekly basis to discuss and evaluate the progress being made in each department (Instructional, Technical, and MIS).