



Texas Education Agency

2011 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.

BRIDGE CITY ISD (181901)

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 08, 2010.

This plan was updated on November 08, 2010.

This plan has an expiration date of June 30, 2013.

A handwritten signature in black ink, appearing to read "Norma Torres-Martinez".

Norma Torres-Martinez
Deputy Associate Commissioner
Standards and Alignment



BRIDGE CITY ISD Technology Plan

2010 - 2013

Dr. Jamey Harrison

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 5
City, State Zip BRIDGE CITY, TX 77611
Phone (409) 735-1602
Fax (409) 735-1694
County District Number 181901

Number of Campuses	5
Total Student Enrollment	2601
District Size	1,600 - 2,999
Percent Econ. Disadvantaged	38.22%

Technology Expenditures	\$939,292.00
Technology budgets reported in plan by category	Teaching and Learning Budget \$144,237.00 Educator Preparation and Development Budget \$254,856.00 Leadership, Administration and Support Budget \$174,759.00 Infrastructure for Technology Budget \$365,440.00 Total: \$939,292.00
Technology Expenditure Per Pupil	\$361.13
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	177
Percentage of Classrooms with Direct Connection to Internet	100.00%
Computer/Student Ratio	4 student(s) for every computer
Computer/Teacher Ratio	1 teacher(s) for every computer
Number of campuses that need to complete the Texas Campus STaR Chart	5
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %

Plan Introduction

Plan Last Edited 11/08/2010

Plan status:	approved
Years Included in the Plan:	2010 - 2013
Number of years covered by the plan:	3
Years Approved for the Plan:	2010 - 2013
Number of approved years:	3

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

Bridge City ISD Technology plan changes occur in the areas of demographics, current conditions and appendix links.

Does the district file E-Rate? yes

The district had a "written" plan before E-Rate Form 470 was filed on .

Technology Planning Committee

Carrie Martin, Jeremy Cooper, Kent Broussard, Rebecca Stump, Paula Hall, Christy Cunningham, Keith Jones, Leslie Lindsey, Rene Danna, Erika Thibodeaux, Kevin Jones, Bill Dixon, Marty Taylor, Lisa Faulk, Steve Russell, Cynthia Graham, Amanda Hoffman, Kim Cooper, Emily Collier, Norman Gaspard, Darla Cricchio and Theresa Leonard

Executive Summary

Bridge City ISD has prepared this Long-Range Technology Plan to articulate a common vision for technology in the district and identify the strategies that will help us use advanced technology to improve the academic achievement, including technology literacy, of all students of rigorous curriculum standards and the development of critical thinking skills that are essential for academic and workplace success. This plan will also build the capacity of all teachers to integrate technology effectively into curriculum and instruction.

This Long-Range Technology Plan is driven by the state curriculum standards and supports the educational mission and instructional goals of Bridge City ISD and 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: Educational technology will allow interactive classrooms to enhance curriculum and engage the students. The use of Web 2.0 tools will increase student interest and success. Bridge City ISD will provide a robust infrastructure for students to connect and use these tools to access, analyze and evaluate information as well as work to solve problems and communicate in an information driven world.

Mission: All classrooms will include an interactive whiteboard, data projector, document camera, sound system and Internet connected student and teacher computers. Students will use all educational technology tools to access, analyze, evaluate and communicate information. With these skills, Bridge City ISD students will realize their potential to be competitive and succeed in a global society.

Needs Assessment

Assessment Process:

The assessment needs is based on the Campus Texas School Technology and Readiness (STaR) Chart which was conducted on each campus. All active teachers and principals participated in the STaR survey.

This information along with interviews of administrators, teachers, and students was used to determine the current status of the district's use of technology. It was also used to determine the future needs for technology integration in the classroom, professional development and technology support.

Existing Conditions:

Bridge City ISD has a student population of 2600. The district has one high school, one middle school, an intermediate campus and two portable elementary campuses due to Hurricane Ike's destruction. A new elementary which will house both present day portable campuses is expected to be completed in April 2011. Alternative education is housed in a wing at the high school.

All campuses connect to Region 5 Education Service Center (ESC) via a dedicated point to point fiber connection. All Internet, distance learning, web hosting and mail exchange is through the SouthEast Texas Telecommunications Education Network. Content filtering is provided by a DeepNines filter which complies with the Children's Internet Protection Act(CIPA). Written policies are in place on acceptable use of the Internet, World Wide Web content and network resources.

Four servers are included in the network to store student portfolios and teacher files. Two more servers host student, business and food service data.

Local Area Networks (LAN) are maintained at Bridge City High School and Bridge City Intermediate. The middle school connects to the high school via fiber. Sims Elementary portable campus also connects to the high school via fiber and uses wireless access points to create the school's LAN. Hatton Elementary portable campus, Service Center, and the portable Central Office administration buildings connect via fiber to Bridge City Intermediate.

Bridge City High School

Bridge City High School services students in grades 9 through 12. It connects to SETTEN for Internet and Distance Learning service. The campus has three servers acting as domain controllers for the district's three tier Active Directory infrastructure. An additional server runs the district's IP camera surveillance program. The campus LAN is composed of a Main Distribution Frame (MDF) with two Intermediate Distribution Frame (IDF) closets. The three wiring closets are connected in a redundant fiber ring. The building is cabled with Cat6 cable and is hooked into Cisco switches.

The campus has three classroom computer labs of 25 computers each, a lab of 25 computers and a cart of 30 laptops that all teachers can reserve through the librarian. Each lab has a network printer. All of these labs run Windows XP Professional. Students are taught word processing, spreadsheet, database, multimedia presentation, cybersafety, computer science and web-based content applications.

The library has several online databases and a research computer lab consisting of 25 workstations. A circulation computer and four additional workstations are housed in the outer library along with a desktop computer used for circulation and a computer in the librarian's office. The library also has a presentation station that includes a laptop with applicable software, portable whiteboard with speakers, data projector and document camera. Forty-nine classrooms are equipped with a presentation station which includes a multimedia computer, data projector, document camera, whiteboard and speakers.

Bridge City Middle School

Bridge City Middle School services students in grades 6 through 8. It connects to SETTEN for Internet services. The campus LAN is composed of one MDF with nine IDFs. The building is cabled with Cat5e. All wiring closets are terminated to a patch panel that connect to the MDF via multi-mode gigabit fiber. All wiring closets are terminated into patch panels and mounted with racks. The District Athletic Facility connects to the Middle School LAN via multi-mode Gigabit fiber.

The campus has two classroom computer labs of 27 computers each. Each lab has a network printer, computer lab management software, and runs Windows XP Professional. The campus teaches keyboarding, word processing, spreadsheet, database, multimedia presentation, cybersafety and web-based content applications.

The library has 10 research computers, network printer, a presentation station which includes a data projector, interactive whiteboard and speakers. Thirty classrooms are equipped with a presentation station which includes a multimedia computer, data projector, document camera, whiteboard and speakers.

Bridge City Intermediate

Bridge City Intermediate School services students in grades 3 through 5. It connects to SETTEN for Internet services. The campus LAN is composed of one MDF with three IDFs. All wiring closets are terminated to a patch panel that connect to the MDF via multi-mode gigabit fiber. The building is cabled with Cat 5e.

The campus has two classroom computer labs composed of 22 computers running Windows XP and network printers. One lab teaches cybersafety, keyboarding skills, word processing, multimedia presentation and using and creating graphic organization. The other lab is a dedicated Title I lab and may be reserved by classroom teachers.

The library has five research computers and a network printer. Renaissance Accelerated Reader program is used in instruction. All classrooms include a student multimedia computer with Internet connectivity, and forty-two classrooms are equipped with a presentation station which includes a multimedia computer, data projector, document camera, whiteboard and speakers.

Sims Elementary

The original Sims Elementary campus was destroyed by Hurricane Ike. Sims Elementary consists of temporary portable buildings which serve grades 1 and 2. It connects back to the middle school via multi-mode gigabit fiber for all network services. The campus LAN is composed of one IDF. The portable buildings are cabled with Cat 5 and the closet is terminated to a patch panel.

The campus has two instructional computer labs of five computers. The primary computer lab teaches keyboarding and supports student Accelerated Reader tests access. The second lab is used for the Writing to Read program. All classrooms include a teacher laptop and a student multimedia computer with Internet connectivity. The library has three student research computers and a computer station for book check out/return database

Hatton Elementary

The original Hatton Elementary campus was destroyed by Hurricane Ike. The temporary portable buildings of Hatton Elementary serve grades Pre-K and Kindergarten. Hatton Elementary connects back to the intermediate school via multi-mode gigabit fiber for all network services. The campus LAN is composed of an MDF. The portable buildings are cabled with Cat5.

The campus has one instructional computer lab with ten computers and a network printer. The computer lab also has a network printer. The campus teaches the Writing to Read program and word processing and keyboarding. All classrooms have a teacher multimedia laptop computer. The current portable library has no research computers, but a computer station is available for the book check out/return database.

Central Office

The original Central Office was located in Hatton Elementary which was destroyed during Hurricane Ike. Most of Central Office is now located in portable buildings until the spring of 2011. A new Central Office building is under construction at this time. The Service Center is a permanent building. Central Office connects to the Intermediate Campus via a single mode gigabit fiber. It is cabled with cat5e and terminated to a patch panel. Central office consists of an MDF and two IDFs.

Technology Needs:

Bridge City ISD has created the following long-term goals based upon the results of the assessment process.

- Continue to increase interactive student centered learning into the classroom by increasing the number of classroom presentation stations and integrating technology across the curriculum.
- Continue to support the wide range of curriculum based applications
- Increase the number of student computers at the lower grade campuses.
- Increase the number of distance learning units for interactive learning.
- Develop a four year computer replacement plan to maintain current and useful computers.
- Continue to comply with state and federal mandates regarding the teaching of the Technology Application TEKS and maintain teacher proficiency in TA TEKS through annual technology literacy assessments.
- Begin preparing to move to Windows 7 operating system over the next 3 years.
- Upgrade and enhance existing Voice over IP phone system.
- Maintain existing leased fiber line.
- Continue leased cellular phone service and data cards.

- Plan and create a computer system for the new elementary campus which can facilitate the connections necessary to effectively utilize and access Internet research, network storage resources including student portfolios, computers, presentation stations, wireless access points, VoIP, surveillance cameras and an intercom system.

- Plan and create a network management center in the new administration building. All campuses will connect back to this building where servers will be stored. Additional fiber runs will be necessary from Bridge City Elementary, Bridge City Intermediate and from the Service Center to the new administration building. The leased line will run from 2690 Texas Ave to the new administration building. OPTEMAN connection will be moved from intermediate to the new Central Office administration building.

Goals, Objectives, and Strategies

GOAL 1: Teachers and students will access technology as a tool to achieve academic standards and success developing students who are capable of assuming productive roles in a global society.

OBJECTIVE 1.1:

Teachers will utilize and integrate technology into all aspects of curriculum to improve student achievement and meet both State and Federal Guidelines and requirements of No Child Left Behind.

Budget Amount \$37,219.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 04a

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.1.1:	<p>Integrate the technology applications TEKS into all curriculum areas in K-12 program by including electronically delivered materials in instruction.</p> <p>Comments: Assessment of lesson plans and benchmark test results will determine if this strategy is addressed.</p> <p>LEA LRPT Correlates: LAS01, LAS05, LAS08, TL01, TL02, TL03, TL04, TL05, TL07, TL08, TL09, TL11, TL12, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2013	Principals, Teachers, Curriculum Director and Technology Director	Evidence is found in student scores, lesson plans, as well as classroom and library observations.
1.1.2:	<p>All students will be held accountable for on-grade/age level Technology Applications Texas Essential Knowledge and Skills.</p> <p>Comments: Students have basic computer applications and keyboarding skills by grade 5. Technology Applications class is provided for all 8th graders. Technology Application classes are provided at high school level. Students with an average of 80 or above can test for college credit with Lamar State College Orange or Lamar State College Port Arthur.</p> <p>LEA LRPT Correlates: LAS05, TL01, TL02, TL03, TL06</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-ongoing	Classroom Teachers, Principals, Technology Director and Curriculum Director	Students will be assessed for basic computer applications and keyboarding skills by grade 5. 8th grade students will be assessed for skills using a benchmark tests provided by adopted curriculum and student portfolios. Technology Application classes are provided at high school level with teacher developed tests.
1.1.3:	<p>Assess the students' academic performance by utilizing test scores, and local assessment tools such as teacher tests or projects correlated to learner objectives and other data.</p> <p>LEA LRPT Correlates: EP03, LAS08, TL07</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-ongoing	Principals, Classroom Teachers, and Curriculum Director	Evidence is found in state scores, benchmarks, and class records.

OBJECTIVE 1.2:

Teachers will provide students with hands-on experiences in an interactive classroom to develop technology skills and interest within an enriched learning environment.

Budget Amount \$48,404.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 04a, 07

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>1.2.1: All teachers will develop instructional strategies that integrate the use of online resources, research methods, digital literacy and productivity.</p> <p>Comments: Students and teachers also have access to the library research lab.</p> <p>LEA LRPT Correlates: I09, TL01, TL03, TL08, TL09</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2013	Principals, Teachers, Curriculum Director and Technology Director	Evidence will be found in teacher lesson plans, REEL data collections, library laptop cart check out, Internet lab sign up,
<p>1.2.2: Focus curriculum on higher order thinking skills which allows students to access, process and evaluate digital information more efficiently.</p> <p>Comments: REEL data collections will gather information regarding levels of Bloom's Taxonomy.</p> <p>LEA LRPT Correlates: I05, I06, I09, LAS01, TL09, TL10, TL11, TL12, TL13</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2013	Campus Principals, Teachers, Librarians and Director of Curriculum	Evidence will be found in teacher lesson plans with descriptions of technology use by teacher and student, students' portfolios, increased student achievement and classroom observations.

OBJECTIVE 1.3:

Focus on providing and graduating students with skills for the 21st century work force which includes the ability to collaborate in a technology driven world.

Budget Amount \$58,614.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 06, 07, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>1.3.1: Plan and implement a Cyber Safety Week to enable students to be good Cyber citizens.</p> <p>Comments: EasyTech, SuccessNet and government sites will be used for developing grade appropriate curriculum. Community and parent involvement will be encouraged.</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-ongoing	Principals, Librarians, Classroom Teachers, Technology Director and Curriculum Director	Evidence will be found in written curriculum and implemented activities.

	LEA LRPT Correlates: I03, LAS01, LAS02, LAS07, TL03, TL14, TL15				
1.3.2:	<p>Students will have an increased opportunity to participate in distance learning courses.</p> <p>Comments: Virtual field trips will be offered to classes using the DL equipment. Future elementary library will house Polycom video conferencing unit.</p> <p>LEA LRPT Correlates: I01, I05, I06, LAS15, TL11, TL12, TL13</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-Ongoing	Principals, Librarians, Classroom Teachers, Technology Director and Curriculum Director	Evidence is found in the use of budget for DL courses.
1.3.3:	<p>Provide additional hardware in learning areas to facilitate adequate student access to technology.</p> <p>LEA LRPT Correlates: I01, I04, I05, I06, I09, LAS01, LAS05, LAS15, TL08, TL09, TL10, TL12</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2011	Technology Director and Network Administrator	Evidence will be in upgrade of core switches to improve Network performance.

GOAL 2: Provide meaningful and purposeful ongoing staff development to promote growth in educators' effectiveness in integrating technology in a student-centered learning environment.

OBJECTIVE 2.1:

Provide training for all new and existing technology resources required by curriculum initiatives designed to improve academic achievement of all students.

Budget Amount \$75,279.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01, 02, 03, 04a, 04b, 06, 11

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>2.1.1: Continue to provide training to assist teachers, librarians and administrators in meeting the SBEC standards for technology literacy to promote curricula and teaching strategies based on research leading to improvements in student academic achievement.</p> <p>Comments: Training will be scheduled as needed throughout the year.</p> <p>LEA LRPT Correlates: EP04, EP09, LAS06, LAS10, LAS12, TL02, TL03, TL06, TL07</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-ongoing	Principals, Department and Grade Level Chairpersons and Technology Director	Evidence will be found in attendance records of trainings and evaluations of district training sessions.
<p>2.1.2: Conduct new teacher training to include the use of district electronic programs such as email, grades, attendance, and accessing and sharing network resources.</p> <p>Comments: Campus Lynx.net Managers will conduct the trainings.</p> <p>LEA LRPT Correlates: EP03, EP04, EP09, I09, LAS06, LAS08, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2013	Principals and Campus Lynx Managers and Technology Director	Evidence will be found in attendance records of trainings and evaluations of district or campus training sessions.
<p>2.1.3: Develop a core group of teachers at each campus to mentor and assist other teachers with integration of new technology tools or programs available on that specific campus.</p> <p>Comments: The core group will be determined on willingness to lead and train colleagues to use new technologies on the campus.</p> <p>LEA LRPT Correlates: EP02, EP03, EP04, EP09, LAS03, TL08, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-ongoing	Principals, Department/Grade Level Chairperson and Technology Director	Evidence may be found in post training evaluations of teacher instruction and student activities in the classroom, student and teacher portfolios or teacher lesson plans.

OBJECTIVE 2.2:

Provide faculty and staff training to achieve implementation and appropriate uses of all technology resources based on data-driven decisions to improve student success.

Budget Amount \$76,218.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 02, 03, 04a, 06, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>2.2.1: Provide training in data examination and analysis through technology to support sound decision-making.</p> <p>Comments: Programs used or to be used include TAP Services, REEL Teaching Information System, TMSDS and WebCAT.</p> <p>LEA LRPT Correlates: EP03, EP05, LAS03, LAS05, LAS06, LAS08, TL04</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2013	Principals, Department/Grade Level Chairperson and Curriculum Director	Evidence will be found in attendance records of trainings and evaluations of district or campus training sessions.
<p>2.2.2: Promote student-centered learning and success in culturally diverse classrooms through the use of technology.</p> <p>Comments: Data collection for REEL will help identify levels of higher order thinking for all students.</p> <p>LEA LRPT Correlates: EP01, EP04, EP05, EP09, I05, I09, LAS01, LAS05, LAS06, TL04, TL06, TL07, TL12</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2013	Superintendent, Principals, Librarians, Classroom Teachers, Technology Director and Curriculum Director	Teacher lesson plans, classroom observations and standardized test and local assessment results will provide evidence of increased student achievement.

OBJECTIVE 2.3:

Offer staff development opportunities in a variety of mediums to provide educators with necessary skills to integrate technology in the classroom.

Budget Amount \$103,359.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01, 03, 04a, 04b, 11

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>2.3.1: Develop and deliver a variety of district-based and campus-based staff development opportunities to teachers and librarians that include online training, hands-on training collaborative trainings and distance learning opportunities to increase the capabilities of integration of technology into instruction.</p> <p>LEA LRPT Correlates: EP01, EP02, EP04, EP05, EP06, EP08, EP09</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2013	Superintendent, Principals, Curriculum Director, Technology Director and Department/Grade Level Chairpersons	Evidence will be found in attendance records, evaluation of trainings and STaR Chart Survey.
<p>2.3.2: Provide and make available through district resources, knowledge based articles addressing frequently asked technology questions.</p>	<p>State: Original</p> <p>Status: In</p>	2010-2013	Technology Director and Network Administrator	Helpful knowledge based articles in the Helpdesk system available to all staff will be the evidence for this

	<p>Comments: Knowledge based articles will include information to help teachers use, integrate or troubleshoot classroom hardware or software.</p> <p>LEA LRPT Correlates: EP04, EP05, EP08, EP09, I03</p>	Progress			strategy.
2.3.3:	<p>Provide staff and administrators frequent and short trainings before and after school for implementation and use of district programs and technology tools.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP09, LAS04, LAS05, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2013	Principals, Department Chairpersons, Grade Level Chairpersons, Curriculum Director and Technology Director	Evidence will be found in attendance records, evaluations, STaR Chart and classroom observations of technology use.
2.3.4:	<p>Provide small group training within subject area or grade level for more one on one attention and personalized training.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP09, LAS03, LAS06, LAS10, TL16</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2013	Principals, Department Chairpersons, Grade Level Chairpersons, Curriculum Director and Technology Director	Training attendance records, evaluations, STaR Chart and classroom observations of technology use will be used as evidence for this strategy.
2.3.5:	<p>Provide information and encourage educator participation in the Master Technology Teacher program.</p> <p>LEA LRPT Correlates: EP07</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2013	Superintendent, Curriculum Director and Technology Director	Staff will be given information via email, meetings or website postings regarding opportunities to participate in the Master Technology Teacher program.
2.3.6:	<p>Create a district level instructional technologist position to assist in continuous technology training and integration.</p> <p>Comments: BCISD is working to promote the school district to increase student enrollment after hurricane Ike.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP09, TL16</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-ongoing	Superintendent	Evidence will be found when the position of instructional technologist is created.

GOAL 3: Provide staff with the technology resources, tools, and training necessary to improve the quality of communication with parents, community partners and stake holders.

OBJECTIVE 3.1:

Expand online resources for efficient access and use of information by all staff, students, parents and community partners.

Budget Amount \$124,204.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02

NCLB Correlates: 03, 09, 10, 11, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
<p>3.1.1: Enable administrators, teachers, students and parents to utilize online communication tools to enhance learning.</p> <p>Comments: BCISD website was launched in October of 2009 with plans for classroom teachers to create teacher web pages in 2010 and 2011.</p> <p>LEA LRPT Correlates: I03, LAS13, TL12, TL16</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-ongoing	Superintendent, Principals, Librarians, Classroom Teachers, Curriculum Director, Technology Director and Network Administrator	Evidence of online communication found in teacher email accounts, online grading system and in the planning and creation of active teacher web pages.
<p>3.1.2: Provide Internet access to secured student information for authorized parent/guardians.</p> <p>Comments: Parents are given secure log on credentials.</p> <p>LEA LRPT Correlates: I03, I08, LAS07, LAS11</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-ongoing	Superintendent, Principals, Classroom Teachers, Technology Director and Curriculum Director	Providing a secure and active parent portal link on BCISD website will be evidence of this strategy.
<p>3.1.3: Provide tools necessary for teachers and librarians to create an enhanced classroom Web page utilizing Web 2.0 tools within the district's Web site.</p> <p>Comments: This will be a gradual implementation with all librarians and teachers receiving training and publishing a web page by 2013.</p> <p>LEA LRPT Correlates: EP04, EP05, EP08, EP09, I03, LAS02, LAS03, LAS04, LAS06, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2013	Superintendent, Principals, Librarians, Classroom Teachers, Curriculum Director and Technology Director.	80% of librarians and classroom teachers will be trained to create a web page to increase communication with students and parents.
<p>3.1.4: Provide communication of information to students, parents, teachers, administrators, businesses and community members via district website.</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2013	Superintendent, Principals, Counselors, Librarians, Classroom Teachers, Curriculum Director and Technology Director	Evidence found in continuing to provide up to date information on the Bridge City ISD website to students, parents and community.

	Comments: Website includes Twitter, Latest News and all federal and state required postings. LEA LRPT Correlates: I08				
3.1.5:	Provide communication of information to students, parents, teachers, staff, administrators and school board members through use of the district's mass notification system. Comments: Notification system implemented in August 2009. Dial in access is available from anywhere in case of district or community emergency notification. LEA LRPT Correlates: I03, TL15	State: Original Status: In Progress	2010-ongoing	Superintendent, Curriculum Director, Attendance Clerks and Technology Director	Continued calls out to parents regarding student attendance, district emergencies and community outreach programs is the evidence for this strategy.
OBJECTIVE 3.2:					
Plan and provide technology training and continued education opportunities for staff and community partners.					
<i>Budget Amount \$50,555.00</i>					
<i>LRPT category: Leadership, Administration and Support</i>					
E-Rate Correlates: ER02					
NCLB Correlates: 04b, 06, 09, 10, 12					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Provide through the district website information for community members concerning adult literacy service providers. LEA LRPT Correlates: I08	State: Original Status: In Progress	2010-Ongoing	Superintendent, Campus Webmasters and Technology Director	Records of the district website pages that contain information concerning adult literacy providers.
3.2.2:	Provide opportunities via distance learning for adult learners. Comments: One DL unit is available at this time with plans to budget and purchase another one for new elementary in 2010-2011. LEA LRPT Correlates: EP06, EP08, I03, I05, LAS03, LAS06, LAS15	State: Original Status: In Progress	2010-2013	Superintendent, Principals, Librarians, Curriculum Director, Technology Director	Records of Distance Learning support for staff and community will be evidence of this strategy.

GOAL 4: Provide the infrastructure to support robust information delivery and emerging technologies to students, teachers, administrators and community partners.				
OBJECTIVE 4.1:				
<p>Upgrade the district's network infrastructure to provide resources for emerging technologies that support instructional and administrative applications as well as share resources and services with higher education, parents, local businesses and community members.</p> <p><i>Budget Amount \$138,126.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 01, 02, 03, 05, 06, 12</p>				
<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
<p>4.1.1: Increase server storage capacity to meet the needs of multi-media centric end users.</p> <p>LEA LRPT Correlates: I01, I05, I09, TL08, TL09, TL11, TL12</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-ongoing	Technology Director and Network Administrator	Evidence will be found in an increased number of servers/virtual servers allowing for an increase in storage capacity for all end users.
<p>4.1.2: Fully expand the IP phone system to maximum capability.</p> <p>LEA LRPT Correlates: I01, I08</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-ongoing	Technology Director and Network Administrator	Evidence will be found with update of phone system to allow end users to use the call managing feature.
<p>4.1.3: Plan and budget for replacement of obsolete and irreparable equipment utilizing a four year replacement schedule.</p> <p>Comments: The focus for replacement will be in student computers in labs and in school libraries.</p> <p>LEA LRPT Correlates: I07</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-2013	Principals, Technology Director and Network Administrator	Evidence will be found in district technology inventory database and within helpdesk work order system.
<p>4.1.4: Plan, budget and provide one mobile laptop computer lab per campus with an additional mobile lab added to the second floor of the high school campus.</p> <p>Comments: Bridge City High School library currently has one mobile cart housing 30 laptop computers.</p> <p>LEA LRPT Correlates: I04, I05, I06, I09, LAS01, LAS02, LAS04, LAS05, TL08, TL09, TL10</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2013	Librarians, Principals, Technology Director and Network Administrator	Evidence will be found in the purchase of and implementation of mobile laptop cart checkout by classroom teachers.
<p>4.1.5: Plan, budget and provide a distance learning classroom at each campus for student, teacher, administrator and community distance learning opportunities to include video field trips and trainings.</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-ongoing	Principals, Librarians, and Technology Director	Evidence will be in video conferencing equipment being purchased and distance learning opportunities offered at each campus.

	<p>Comments: Bridge City High School houses one distance learning system.</p> <p>LEA LRPT Correlates: EP06, EP08, I01, I03, I06, LAS01, LAS02, LAS03, LAS04, LAS05, LAS09, LAS10, LAS15, TL08, TL09, TL12, TL13, TL15</p>				
4.1.6:	<p>Provide funding and opportunities to bring the student to computer ratio to the recommended 1:1.</p> <p>Comments: Continue to purchase more computers as local budget or grants allow.</p> <p>LEA LRPT Correlates: I01, I04, I05, I09, LAS01, LAS02, LAS04, LAS05, TL08, TL09, TL12</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-ongoing	Principals and technology director	Evidence will be found in district technology inventory database.
<p>OBJECTIVE 4.2:</p> <p>Supply the necessary building space, equipment and support structure to maintain and expand the Bridge City ISD infrastructure.</p> <p><i>Budget Amount \$191,985.00</i></p> <p><i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: ER01</p> <p>NCLB Correlates: 01, 03, 05, 06, 08, 12</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.1:	<p>Plan and create a network management center in the future administration building to house the core network center, servers, content filter, firewall and computer training lab with presentation station consisting of interactive whiteboard, document camera and data projector.</p> <p>Comments: The original administration building was destroyed by hurricane Ike. Creating a network management center will create more continuity within infrastructure. Budget will be provided with insurance, FEMA and E-rate funding.</p> <p>LEA LRPT Correlates: EP03, EP08, I01, I02, I03, I06, I08, I09, LAS01, LAS02, LAS03, LAS04, LAS05, LAS09, LAS10, TL08, TL09, TL10, TL12</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2011	Superintendent, Operations Director, Technology Director and Network Administrator	A new administration building with a network management center and training lab for teachers, administrators and community will be evidence for this strategy.
4.2.2:	<p>Plan and provide all necessary equipment for one MDF and four IDF in the future elementary campus.</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2011	Superintendent, Operations Director, Technology Director and Network Administrator	Evidence found in new Bridge City Elementary with working LAN.

	<p>Comments: The original elementary building was destroyed by hurricane Ike. Budget will be provided with insurance, FEMA and E-rate funding.</p> <p>LEA LRPT Correlates: I01, I02, I03, I05, I06, I09, LAS01, LAS02, LAS04, LAS05</p>				
4.2.3:	<p>Plan and provide all necessary cabling and termination for network connections in future elementary and administration building.</p> <p>Comments: Plans have been drawn to include acceptable distance between MDF and IDFs.</p> <p>LEA LRPT Correlates: I01, I02, I03, I05, I06, I09, LAS01, LAS02, LAS04, LAS05, LAS15, TL08, TL09</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2011	Superintendent, Operations Director, Technology Director and Network Administrator	Evidence will be found in that cabling and termination will be completed before the new elementary school and administration offices open in 2011.
4.2.4:	<p>Continue to implement and improve wireless technology on all current and future campuses.</p> <p>Comments: An increase in wireless technology management will be implemented with new equipment installed in new administration and elementary buildings.</p> <p>LEA LRPT Correlates: I01, I05, I06, LAS01, LAS02, LAS04, LAS05, TL09, TL10</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-2011	Technology Director and Network Administrator	Evidence will be found in that all classrooms and libraries will have wireless access.
<p>OBJECTIVE 4.3:</p> <p>Provide timely and knowledgeable technical support for all implemented technologies.</p> <p><i>Budget Amount \$35,329.00</i></p> <p><i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 03, 12</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.3.1:	<p>Provide all district users access to technology support within twenty-four hours of ticket submission through an online work order system.</p> <p>Comments: Eduphoria Helpdesk is used to track all work order submissions.</p> <p>LEA LRPT Correlates: I03, I05, TL12</p>	<p>State: Original</p> <p>Status: In Progress</p>	Ongoing	Technology Director and Network Administrator	Evidence is found in work order system database.
4.3.2:	<p>Continue to update previous and post new Knowledge Based articles within the online work order system for district users to access.</p>	<p>State: Original</p> <p>Status: In</p>	2010-ongoing	Technology Director Network Administrator	Evidence will be found in the increase of Knowledge Base articles within the work order system.

	<p>Comments: There are currently six articles referring to SMART products and Discovery Education Streaming frequently asked questions.</p> <p>LEA LRPT Correlates: I05, I06, TL09</p>	Progress			
4.3.3:	<p>Provide on demand web based continuing education for network administrator and computer technicians.</p> <p>Comments: CBT Nugget Streaming is used at this time to increase the troubleshooting knowledge and skills of technicians.</p> <p>LEA LRPT Correlates: I05, TL09, TL12</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-ongoing	Technology Director and Network Administrator	Evidence is found in log in and amount of time technicians are in the program.
4.3.4:	<p>Provide preventative maintenance support for technology equipment and proactively monitor servers, desktop computers, printers, and network equipment to anticipate outage before it occurs or is reported.</p> <p>LEA LRPT Correlates: I05, TL09</p>	<p>State: Original</p> <p>Status: In Progress</p>	2010-ongoing	Technology Director and Network Administrator	Evidence will be found in application performance monitoring logs, maintenance logs and work order system documentation on completed tickets.
4.3.5:	<p>Write a disaster recovery plan for the district and investigate other backup systems.</p> <p>Comments: Monthly, weekly and daily tape backups are being performed at this time.</p> <p>LEA LRPT Correlates: I01, I03, I05, I06, I08, LAS14</p>	<p>State: Original</p> <p>Status: Planned</p>	2010-ongoing	Technology Director and Network Administrator	Evidence will be found in a written disaster plan for the district and in a more up-to-date backup system.

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$3,600.00

Method of application for formula funds: Local Application

Budget year 2010		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$17,783.00	Title I Title II Part D Local
Telecommunications & Internet Access	\$226,726.00	State (Tech Allotment) ERATE State Disaster Fund Year 13 only
Materials & Supplies	\$12,188.00	State (Tech Allotment) Local
Equipment	\$42,508.00	State (Tech Allotment) Local
Maintenance	\$55,645.00	State (Tech Allotment) Local/Personnel
Miscellaneous Expenses	\$24,914.00	Local/Personnel
Total	\$379,764.00	

Budget year 2011		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$17,783.00	Title I Title II Part D Local
Telecommunications & Internet Access	\$126,726.00	State (Tech Allotment) ERATE
Materials & Supplies	\$12,188.00	State (Tech Allotment) Local
Equipment	\$42,508.00	State (Tech Allotment) Local
Maintenance	\$55,645.00	State (Tech Allotment) Local/Personnel
Miscellaneous Expenses	\$24,914.00	Local/Personnel
Total	\$279,764.00	

Budget year 2012		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$17,783.00	Title I Title II Part D Local
Telecommunications & Internet Access	\$126,726.00	State (Tech Allotment) ERATE

Materials & Supplies	\$12,188.00	State (Tech Allotment) Local
Equipment	\$42,508.00	State (Tech Allotment) Local
Maintenance	\$55,645.00	State (Tech Allotment) Local
Miscellaneous Expenses	\$24,914.00	Local/Personnel
Total	\$279,764.00	

Evaluation

Evaluation Process:

All teachers at all campuses will complete the Texas Star Chart and a district survey to assess the use of technology to improve education and student performance.

The technology committee will meet again in the spring to determine the progress that each campus has made during the year in regards to effective use of technology in the classroom. This will also give time for additional feedback for planning professional development opportunities for the beginning of the next school year.

Evaluation Method:

The technology department and the technology committee will use the following means to evaluate the success of the technology plan and to make decisions on the impact that technology has on the learning process for all students.

- * Star Chart
- * A district teacher survey addressing the teacher's success of integrating technology into curriculum and instruction
- * TAKS scores
- * Notes and suggestions from committee meetings
- * Monitoring technology integration through classroom observations
- * Reviewing teacher lesson plans
- * Inventory of software or hardware purchased to meet student objectives
- * Review of technology plan timelines and implementation of strategies

Appendix

Attachment item A:

Bridge City ISD Network Diagram

- PDF file:  http://bridgecityisd.net/assets/files/District.pdf/Tech/network_diagram.pdf

Attachment item B:

Bridge City ISD Acceptable Use Policy Student

- PDF file:  http://bridgecityisd.net/assets/files/District.pdf/Tech/AUPs/BCISD%20AUP%20Student%20Agreement10_11.pdf

Attachment item C:

Bridge City ISD Acceptable Use Policy Employee

- PDF file:  http://bridgecityisd.net/assets/files/District.pdf/Tech/AUPs/BCISD%20AUP%20Employee10_11.pdf

Attachment item D:

Bridge City ISD Acceptable Use Policy Substitute Teacher

- PDF file:  http://bridgecityisd.net/assets/files/District.pdf/Tech/AUPs/BCISD%20AUP%20Substitute10_11.pdf

Attachment item E:

Bridge City ISD Acceptable Use Policy Non-Employee

- PDF file:  http://bridgecityisd.net/assets/files/District.pdf/Tech/AUPs/BCISD%20AUP%20NonEmployee10_11.pdf

Attachment item F:

BCISD Spring 2010 Technology Survey

- PDF file:  <http://bridgecityisd.net/assets/files/District.pdf/Tech/surveySpring2010.pdf>

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