TULIA ISD
Technology Plan

2013 - 2016

STEVE POST

SUPERINTENDENT

DISTRICT PROFILE

ESC Region	16
City, State Zip	TULIA, TX 790881199
Phone	(806) 995-4591
Fax	(806) 995-3169
County District Number	219903

Number of Campuses	4
Total Student Enrollment	1113
District Size	1,000 - 1,599
Percent Econ. Disadvantaged	77.63%

Technology Expenditures		$1,163,114.41
Technology budgets reported in plan by category	Teaching and Learning Budget	$83,000.00
	Educator Preparation and Development Budget	$170,475.00
	Leadership, Administration and Support Budget	$512,043.41
	Infrastructure for Technology Budget	$397,596.00
	Total:	**$1,163,114.41**
Technology Expenditure Per Pupil	$1,045.03	
Number of Campuses with Direct Connection to Internet	4	
Percentage of Campuses with Direct Connection to Internet	100.00%	
Number of Classrooms with Direct Connection to Internet	110	
Percentage of Classrooms with Direct Connection to Internet	100.00%	
Computer/Student Ratio	1 student(s) for every computer	
Computer/Teacher Ratio	1 teacher(s) for every computer	
Number of campuses that need to complete the	4	

Texas Campus STaR Chart	
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %
CIPA Compliance	CIPA compliance was certified by the district on 03/11/2013. The Board of Trustees for TULIA ISD held a public hearing on its Internet Safety Policy on February 22, 2013 and adopted its policy on that date. The public hearing was publicized according to district or school policies and the adoption of the policy is reflected in the minutes of the board of trustees or governing board.

Plan Introduction

Plan Last Edited 04/03/2013

Plan status:	approved
Years Included in the Plan:	2013 - 2016
Number of years covered by the plan:	3
Years Approved for the Plan:	2013 - 2016
Number of approved years:	3

Does the district file E-Rate? yes

Technology Planning Committee
Dana Friel - Director of Instructional Design
Johnny McCasland - Technology Director
Kris Friel - Network Administrator
Anne Post - Director of Special Programs
Danee Puga - Director of Special Education
Casey McBroom - Campus Administrator
Scott Burrow - Campus Administrator
Johnny Lara - Campus Administrator
Mike Allison - Campus Administrator
Phil Zolman - Assistant Campus Administrator
April Robel - Teacher Representative
Lisa Johnson - Teacher Representative
Sherella Lewis - Teacher Representative
Rebecca Cobb - Teacher Representative
Dusty George - School Board Representative
Josh Moore - Community and Parent Representative
Jeanne Todd - Community and Parent Representative
Mike Huseman - Community and Parent Representative
Ben Moore - Community Representative
Cole Lewis - Student Representative

Executive Summary

Tulia Independent School District has developed a technology plan to guide curriculum, staff development, purchasing, and staffing decisions as they relate to technology use in Tulia ISD. Technology goals are aligned with state and national goals and include:

1. Teaching and Learning: Improve student achievement and technology literacy through the effective use of technology.
2. Educator Preparation and Development: Ensure the effective use and integration of technology resources though appropriate staff development.
3. Leadership, Administration, and Support: Use technology to improve communication, facilitate planning and decisions, streamline administrative tasks, evaluate effectiveness, encourage school/community partnerships, and increase parent involvement.
4. Infrastructure for Technology: Maintain and improve equity and reliability of access to computer systems and network resources for staff, students, families, and community members.

Recommendations contained withing this plan are made as guidelines for hardware purchases and replacement, standardized software purchases, infrastructure and networking standards, and staff development emphasis. The professional development component seeks to model technology integration rather than technology in isolation. By infusing technology into other staff development offerings, the administration of TISD will model technology integration into the curriculum without isolating technology as a separate skill. Evaluating the effectiveness of the goals and strategies contained in the plan will have both a campus focus and a district-wide focus. A variety of assessments measuring both quality and amount of technology integration will be used to guide the ongoing planning and direction for TISD technology.

Needs Assessment

Assessment Process:
Needs are assessed by reviewing annual school district staff and student surveys, hardware and software inventories, and informal interviews with staff, students, and parents. Review of the work order database and any administrative software upgrade requirements also provide data on needs. STAAR and TAKS benchmarks, state assessment scores, and DMAC data helped identify academic strengths and weaknesses of students, which may be addressed through appropriate technology integration.

Existing Conditions:
Tulia I.S.D. currently has 100/1000-base-T Ethernet local area networks (LANs) installed at each of four campuses and the administration facility. The network is segmented using a Layer 3 switch. A total of nine Windows 2008 servers and 1 Linux server. To provide the network's information services, data storage, communication, internal DNS, DHCP and web services.

The five campus LANs are interconnected by the district's wide area network (WAN) consisting of fiber optic cable transmitting at 1 Gbps. Internet connectivity is achieved through the district's WAN which is connected to the Internet via 40 Mbps circuit. All connected classrooms and offices have direct access to the Internet. In addition to classroom and office connections, the district maintains a number of computer labs for student use. Internet filtering and reporting is accomplished using a sniffer appliance offered by Netspective. The district also maintains a Packet Shaper switch to prioritize bandwidth and Internet traffic.

Classrooms are equipped with at least four network connections, and all campuses are utilizing three hybrid PBX systems that can provide IP telephony. IP telephones are installed in
classrooms. Direct IP connection (trunking) between the three IP telephony systems was installed between spring 2008 and summer 2009 and was substantially funded by eRate. Trunking licenses funded through eRate have connected the three systems and provided IP client access licenses for each classroom beginning in early 2008.

TISD maintains five mobile video conferencing carts for distance learning purposes. We participate in the Tems Virtual Learning Grant with ESC 16, which provides virtual facilitator and admin leader training plus access to student resources.

This district uses the TxEIS student data programs that include txGradebook, txConnect Parent Portal, MyZone course request system, as well as TxEIS data management for school business. TxEIS runs on a Web based format. Campus staff members have access to specific TxEIS components as needed. TISD contracts with ESC 16 to provide CSCOPE a online curriculum management program that is aligned with the TEKS. TISD is also a Google Apps for Education school which gives teachers access to host classroom websites through Google Sites. High School and Jr. High also have access to the Haiku Learning Management System, which serves as a LMS and a classroom website. All district libraries are automated.

Tulia ISD maintains 42 IP video cameras for student security. Our HVAC system operates from an IP controlled management system. Alarm systems are maintained on the secondary campuses and are managed via the TISD computer network. Key card door locks and a network time clock system are in place district wide. TISD also hosts and manages equipment for a local cable channel which distributes school news.

Tulia ISD's technology staff is composed of a full-time Technology Director, full-time Network Administrator, full-time Network Technician, and a part-time Technology Assistant/Help Desk Technician and is overseen by the Director of Instructional Design.

Summary of technology at each campus:

Tulia High School (Grades 9-12):
-1-to-1 Campus with all teachers and students equipped with Windows 8 Notebooks.
-Each core classroom has a SMARTBoard and SMARTResponse (clicker)with a dedicated Windows 7 workstation for the SMARTBoard.
-Several networked printers
-Updated Infrastructure. New CAT6 wiring for 27 Aerohive access points, three new GB Switches in addition to sixteen 100/1000 switches.
-Six stationary labs, four with Windows 7 workstations (counts are 20, 18, 18, and 16 in those labs) and two with Windows XP workstations (counts are 18 and 12 in those labs)
-Other workstations include, the journalism teacher has nine Windows 7 workstations, the FCCLA teacher has 4 Windows 7 workstations, the two special education teachers have eight Windows XP workstations in each of their rooms.
-Educational Software utilized at this campus is A+, Study Island, and Sapling Learning

Tulia Jr. High School (Grades 6-8):
-1-to-1 Campus with all teachers and students equipped with Windows 8 Notebooks.
-Each core classroom has a SMARTBoard and SMARTResponse (clicker)with a dedicated Windows 7 workstation for the SMARTBoard.
-Several networked printers
-Updated Infrastructure. New CAT6 wiring for 17 Aerohive access points, three new GB Switches in addition to eleven 100/1000 switches.
-Five stationary labs, four with Windows 7 workstations (counts are 20, 20, 18, and 15 in those labs) and one with Windows XP workstations (counts are 24 in that lab)
-Three mobile carts with 24 Windows 7 Netbooks in each cart.
-Educational Software utilized at this campus is Study Island, EZ-Time, Accelerated Math, Gizmos, and iSuites.

V.W. Swinburn Elementary (Grades 3-5):
-1-to-1 Campus with all teachers and students equipped with Google Chromebooks.
-Each classroom has a SMARTBoard (clicker)with a dedicated Windows XP workstation for the SMARTBoard.
-Each classroom has a Windows 7 workstation for teacher use.
-Each classroom has a Pod computer system with 3 Parasites.
-Several networked/ePrint printers
-Updated Infrastructure. New CAT6 wiring for 16 Aerohive access points, three new GB Switches in addition to nine 100/1000 switches.
-Two stationary labs, one with 32 Windows 7 workstations and one with 24 Windows XP workstations.
-Educational Software utilized at this campus is SuccessMaker, Reading Coach, Read Naturally, IStation, ThinkThroughMath, Reflex Math, Gizmos, Ellis, and Study Island.

Highland Elementary (Grades Pre-K -2):
-Each classroom has a SMARTBoard (clicker)with a dedicated Windows XP workstation for the SMARTBoard.
-Each classroom has a Windows 7 workstation for teacher use.
-Each classroom has 4 iPad Minis.
-Each teacher has been issued an iPad 2 with the Reflector app for projection.
-Each classroom has a Pod computer system with 1 Parasite for each in Pre-K and Kindergarten, 2 Parasites each 1st grade classroom and 3 Parasites for each 2nd grade classroom.
-Several networked printers
-Updated Infrastructure. New CAT6 wiring for 19 Aerohive access points, one new GB Switches in addition to eight 100/1000 switches.
-Three stationary labs, one with 16 Windows 7 workstations and two with 20 Windows XP workstations.
-Educational Software utilized at this campus is CEI, Lexia Reading, My Virtual Reading Coach, EducationCity, Lone Star Learning Math, MClass, Accelerated Reading, Accelerated Math, Star Tests, Reading A-Z, Starfall, ESGI, and BrainPop.

Technology Needs:
Tulia ISD has identified several technology needs. We have recently implemented a 1-to-1 program grades 3-12 and it will be important that we support and refresh this program as needed. This includes purchasing computer throughout the district as well as replacing network servers, switches, and printers. The Technology committee has identified the following technology needs:

1. Implement professional development program in regards to implementing technology in the classroom.

2. Acquire/upgrade instructional software to assist struggling learners in STAAR preparation.

3. Replace/upgrade computer hardware, software, and network equipment/infrastructure to keep pace with network management, software, and web accessibility requirements.

4.Increase accessibility of elementary computer programs for both classroom and lab use.

5. Increase/Promote online and virtual course options for students.

6. Implement technology benchmarks for instructional staff members and office personnel.

7. Upgrade connectivity between all campuses and instructional support offices as needed to be capable of increasingly faster data transfer rates and increased bandwidth requirements.

8. Collaborate with city and county officials to maximize technology availability for underserved populations.

9. Transition server/workstation-based programs to web-based as available.

10. Install and upgrade computers as necessary to accommodate online assessments and web-based curriculums.

11. Provide ready access to global experiences for all campuses through the use of distance learning and videoconferencing.

12. Investigate and implement course work delivery and staff development through online, web-based, interactive means.

13. Improve accessibility of district information and parent communication through Internet technologies.

14. Address legal, ethical, and safety issues with students and staff members.

15. Increase internet bandwidth as the use of web-based programs/services increase demand.

16. Support and promote a Learning Management System (LMS).

17. Implement technology proficiency and incentive program for professional staff.

Goals, Objectives, and Strategies

GOAL 1: Promote the growth of educators' proficiency and effectiveness in integrating technology into the curriculum, and encourage student-centered learning. While improving student achievement and technology literacy through the effective use of technology.

OBJECTIVE 1.1:

All students will have the opportunity to achieve technology proficiency at each grade level as indicated by the NETS (National Educational Technology Standards) and Technology Applications TEKS.

Budget Amount $2,500.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 04a, 06, 07, 08, 11, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
1.1.1:	Offer a variety of technology courses at the high school. LEA LRPT Correlates: TL01, TL02	State: Original Status: Planned	Ongoing 2013-2016	High School Campus Administrator High School Counselor Curriculum Director	Number of technology courses offered
1.1.2:	Educate students on Internet safety and digital citizenship at each grade level. LEA LRPT Correlates: TL14	State: Original Status: Planned	Fall 2013 Fall 2014 Fall 2015	Campus Administrators Campus Counselors Director of Special Programs Director of Instructional Design	Teacher Lesson Plans Speaker notes
1.1.3:	Address technology application TEKS and NETS at each grade level. LEA LRPT Correlates: TL01, TL03, TL05, TL06	State: Original Status: Planned	Ongoing 2013-2016	Campus Administrators Campus Counselors Campus Teachers Director of Instructional Design Director of Special Programs	Teacher Lesson Plans Walk-Throughs

OBJECTIVE 1.2:

Instructional staff will integrate the Technology Applications TEKS into the foundation curriculum areas at each grade level.

Budget Amount $2,500.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 04a, 04b, 06, 07

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.2.1: Vertically align curriculum for each subject and grade level to incorporate K-8 technology integration strategies. LEA LRPT Correlates: TL01, TL05, TL06	State: Original Status: In Progress	Ongoing 2013-2016	Campus Administrators Classroom Teachers Director of Instructional Design Director of Special Programs	Lesson plan TEKS reports showing technology applications integration.
1.2.2: Identify levels of mastery of SBEC Technology Applications Educator Standards in the local educator appraisal system. LEA LRPT Correlates: LAS02	State: Original Status: In Progress	Ongoing 2013-2016	Superintendent Campus Administrators	Teacher appraisals

OBJECTIVE 1.3:

Use advanced technology curriculum options to provide diagnostic/prescriptive coursework to address student academic strengths and weaknesses.

Budget Amount $60,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 06, 07, 11, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.3.1: Continue use of diagnostic prescriptive curriculum programs including but not limited to My Reading Coach, Renaissance Learning, A+, Study Island, Lexia, CEI, and more. LEA LRPT Correlates: TL04, TL05, TL07, TL08, TL09	State: Original Status: In Progress	Ongoing 2013-2016	Campus Administrators Director of Special Programs Director of Instructional Design Technology Director	Diagnostic reports Progress Reports
1.3.2: Subscribe to Internet-based curriculum services that allow students to practice technology skills and core academic skills from non-school locations. LEA LRPT Correlates: I05, I08, TL05, TL09, TL12, TL13, TL15	State: Original Status: In Progress	Ongoing 2013-2016	Campus Administrators	Login Activity Reports Progress Reports
1.3.3: Promote student use of off-campus and after hours access to online curriculum resources. LEA LRPT Correlates: I05, TL12, TL13, TL15	State: Original Status: In Progress	Ongoing 2013-2016	Campus Administrators	Login Usage Reports Progress Reports

OBJECTIVE 1.4:

Use Internet based resources for instructional planning, documentation, and reporting of student progress.

Budget Amount $15,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 05, 06, 09

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.4.1:	Continue to use and promote the use of Parent Portal. LEA LRPT Correlates: I01, I08, LAS11, TL05	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Classroom Teachers Campus Administrators	Number of Parent Portal Accounts Usage Reports
1.4.2:	Continue the use of online lesson planning and classroom website services. LEA LRPT Correlates: I05, I08, I09, LAS09, TL01, TL04, TL06, TL16	State: Original Status: In Progress	Ongoing 2013-2016	Director of Special Programs Technology Director Director of Instructional Design Campus Administrators Classroom Teachers	Annual subscription to CSCOPE TEKS Correlation reports
1.4.3:	Continue the use of an web-based gradebook. LEA LRPT Correlates: I01, I05, I08, I09, LAS08, LAS11, TL04, TL16	State: Original Status: In Progress	Ongoing 2013-2016	Campus Administrators Classroom Teachers Technology Director	Annual subscription Usage of Gradebook
1.4.4:	Continue the use of DMAC for student performance monitoring. LEA LRPT Correlates: LAS08, TL04, TL07, TL16	State: Original Status: In Progress	Ongoing 2013-2016	Director of Special Programs Director of Instructional Design Technology Director Campus Administrators Classroom Teachers	DMAC usage reports Benchmark Usage TAG Test Usage TEK Score Usage

OBJECTIVE 1.5:

Provide state of the art library resources to assist classroom teachers in teaching students information literacy.

Budget Amount $3,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 05, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.5.1:	Continue subscriptions for database programs through regional cooperatives. LEA LRPT Correlates: TL10, TL11	State: Original Status: In Progress	Ongoing 2013-2016	Campus Administrators	Usage Reports

OBJECTIVE 1.6:

Develop and foster community partnerships to provide extended technology access to undeserved populations.

Budget Amount $0.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 06, 07, 08, 09, 10, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.6.1:	Collaborate with city, county, and other local agencies to proved access to online and adult education content. LEA LRPT Correlates: I09, LAS07, LAS09, LAS10, LAS13	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Superintendent Director of Special Programs Director of Instructional Design	Online content available at community access centers.
1.6.2:	Integrate technology into parent and community involvement programs and presentations as appropriate. LEA LRPT Correlates: I09, TL16	State: Original Status: In Progress	Ongoing 2013-2016	Campus Administrators Director of Special Programs Director of Instructional Desgin	Percentage of Parent/Community Involvement programs that are technology integrated.
1.6.3:	Collaborate with local businesses and organizations to provide Internet access to students with a mobile device. LEA LRPT Correlates: I04, I08, LAS07, TL08, TL09, TL12	State: Original Status: In Progress	Ongoing	Technology Director Director of Special Programs Director of Instructional Design Campus Administrators	Sign in sheets Usage reports

GOAL 2: Ensure the effective use and integration of technology resource through appropriate staff development.

OBJECTIVE 2.1:

Provide staff development which models effective technology implementation and integration.

Budget Amount $10,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 08, 11

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
2.1.1:	Research options for providing modeling and mentoring of technology integration best practices. LEA LRPT Correlates: EP09, LAS10	State: Original Status: In Progress	Ongoing 2013-2016	Superintendent Director of Special Programs Director of Instructional Design Technology Director	Options identified
2.1.2:	Identify instructional staff member to serve as technology integration mentors or trainers. LEA LRPT Correlates: EP09, LAS10, TL16	State: Original Status: In Progress	Fall 2013 Fall 2014 Fall 2015	Campus Administrator Director of Instructional Design	Mentor identified each year.
2.1.3:	Promote teacher and administrator participation in online staff development offerings that model higher order thinking and global collaboration. LEA LRPT Correlates: EP08, EP09	State: Original Status: In Progress	Ongoing 2013-2016	Superintendent Campus Administrators Director of Instructional Design Technology Director	Teacher completion of online coursework
2.1.4:	Budget an amount equivalent to 30% or more of the state technology allotment for staff development opportunities that support technology integration. LEA LRPT Correlates: LAS06	State: Original Status: Planned	Ongoing 2013-2016	Superintendent Business Manager Director of Special Programs Director of Instructional Design	Budget allocations

OBJECTIVE 2.2:

Provide staff development opportunities in a variety of delivery formats to assist instructional staff in developing the skills necessary to implement the technology applications TEKS in all subject areas.

Budget Amount $10,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 03, 04a, 04b, 08

Strategies	*State/Status:*	*Timeline:*	*Person(s)*	*Evidence:*

		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.2.1:	Continue annual TISD summer technology training options. LEA LRPT Correlates: EP01, EP02, EP04	State: Original Status: In Progress	Ongoing Summer 2013-2016	Technology Director Director of Instructional Design	Summer training schedule Sign-in sheets
2.2.2:	Promote Region 16 ESC technology training including online, video conference, and face to face courses. LEA LRPT Correlates: EP01, EP02, EP08, LAS15	State: Original Status: Planned	Ongoing 2013-2016	Director of Instructional Design Campus Administrators	Completion certificates Promotional documents including emails

OBJECTIVE 2.3:

Contract with Connected Consulting to provide training, face-to-face and online, to improve the teaching and learning environment so students develop the skills needed for success.

Budget Amount $100,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 04a, 04b, 06, 07, 08, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
2.3.1:	Identify a vision for the district's 1-to-1 initiative. With the help of Connected Consulting's vision team. LEA LRPT Correlates: EP01, EP03, EP04	State: Original Status: Planned	June 2013	Superintendent Director of Special Programs Director of Instructional Design Campus Administration Classroom Teachers	Visions Statement
2.3.2:	Identify the mentor teachers at each campus to lead the Vision and culture change in the district while implementing the 1-to-1 vision. LEA LRPT Correlates: EP01, EP03, EP04, EP07	State: Original Status: Planned	June 2013	Campus Administrators Superintendent Director of Instructional Design Technology Director	List of committed mentors
2.3.3:	Complete the all three levels of instructional proficiency that has been outlined by the Connected Consulting group. LEA LRPT Correlates: EP01, EP03, EP04, EP07, EP08, EP09, LAS01, LAS02, LAS13, TL04, TL05, TL08, TL12	State: Original Status: Planned	Ongoing 2013-2016	Superintendent Director of Instructional Design Campus Administrators	Level completion certificates

OBJECTIVE 2.4:

Encourage instructional staff meet the SBEC standards for technology literacy.

Budget Amount $15,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02

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

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.4.1: Identify staff development options to assist all instructional staff in meeting the Technology Applications Educator Standards (SBEC Educator Standards I-V0 LEA LRPT Correlates: EP04, LAS03, LAS10, LAS15	State: Original Status: In Progress	06/2013-12/2014	Superintendent Director of Special Programs Director of Instructional Design Technology Director	Staff Development Scheduled
2.4.2: Identify staff development options for teacher of 9-12th grad Tech Apps courses (SBEC Educator Standard VI-XI) LEA LRPT Correlates: EP02	State: Original Status: Planned	Ongoing 2013-2016	Campus Administrator Tech Apps Teachers	Options Identified
2.4.3: Identify possible incentives to encourage educator mastery of Technology Applications Educator Standards I-V. LEA LRPT Correlates: EP04, EP07	State: Original Status: In Progress	08/2013-05/2014	Superintendent Director of Special Programs Director of Instructional Design	Incentives identified
2.4.4: Assess instructional staff mastery of Technology Applications Educator Standards I-V a self-report survey. LEA LRPT Correlates: EP04, EP05	State: Original Status: Planned	08/2013-05/2014	Campus Administrators Technology Director Director of Instructional Design	Surveys submitted
2.4.5: Incorporate educator mastery of SBEC Technology Applications Educator Standards into teacher appraisals. LEA LRPT Correlates: EP04, EP05, LAS12	State: Original Status: Planned	Ongoing 2013-2016	Campus and District Appraisers	Teacher Appraisals indicating SBEC Tech Apps Mastery
2.4.6: Complete Texas STaR Chart Assessment annually. LEA LRPT Correlates: EP05, LAS03	State: Original Status: In Progress	October 2013 October 2014 October 2015	Technology Director Campus Administrators Director of Instructional Design	STaR Chart completion data

OBJECTIVE 2.5:

Encourage participation in state-wide technology professional development opportunities.

Budget Amount $25,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 06

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:

2.5.1:	Consider sending identified staff members to statewide or regional technology trainings/conferences. LEA LRPT Correlates: EP01, EP06	State: Original Status: Planned	November - February annually	Superintendent Campus Administration Director of Instructional Design Technology Director	Meeting agendas certificates of attendance
2.5.2:	Advertise and promote opportunities for participation in the Master Technology Teacher program. LEA LRPT Correlates: EP06, EP07	State: Original Status: Planned	Ongoing 2013-2016	Superintendent Director of Instructional Design Campus Administrators Technology Director	Information distributed via email, flyer, or other means
2.5.3:	Research and consider possible teacher incentives for participation in the Master Technology Teacher training program. LEA LRPT Correlates: EP06, EP07	State: Original Status: Planned	8/2013-5/2014	Superintendent Director of Instructional Design Technology Director Director of Special Programs	Meeting Agendas

OBJECTIVE 2.6:

Provide training in the use of electronic resources to support data-driven decision making.

Budget Amount $10,475.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 03

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
2.6.1:	Provide training on the use of DMAC. LEA LRPT Correlates: EP03	State: Original Status: In Progress	Ongoing 2013-2016	Director of Special Programs Director of Instructional Design	Training scheduled
2.6.2:	Provide training as needed on electronic diagnostic/prescriptive academic resources, including but not limited to Renaissance Learning, MyReading Coach, Lexia, and others. LEA LRPT Correlates: EP03, LAS08, TL07	State: Original Status: In Progress	Ongoing 2013-2016	Director of Instructional Design Director of Special Programs Campus Administrators	Training scheduled

GOAL 3: Use technology to improve communication, facilitate planning and decisions, streamline administrative tasks, evaluate effectiveness, encourage school/community partnerships, and increase parent involvement.

OBJECTIVE 3.1:

Use technology resources to access, maintain, and analyze student records.

Budget Amount $120,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 06, 07, 09, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	Contract with Region 16 ESC for student services management software and support. LEA LRPT Correlates: I02, I05, LAS08, LAS11	State: Original Status: In Progress	Ongoing 2013-2016	Superintendent	ESC Contracts
3.1.2:	Continue use of DMAC web-based data dissagregation and benchmarking product. LEA LRPT Correlates: I05, I09, LAS08, TL04, TL05, TL07	State: Original Status: In Progress	Ongoing 2013-2016	Director of Special Programs Director of Instructional Design Technology Director Campus Administrators	Usage reports from DMAC Contracts from DMAC
3.1.3:	Use web-based programs such as Renaissance Learning and TMSDS to assess, report, and track student performance in core subject areas. LEA LRPT Correlates: I05, I09, LAS08, LAS11, TL04, TL05, TL07	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Campus Administrators Director of Special Programs Director of Instructional Desgin	Student performance reports

OBJECTIVE 3.2:

Implement and maintain advanced communication systems as appropriate.

Budget Amount $30,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 03, 09, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Maintain a robust district email system including virus and spam filtering as well as maintaining a proper archiving system. Comments: Google Apps for Education School Email	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator	Working Email System Reliability / Uptime of 99%

		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	is through Gmail LEA LRPT Correlates: I01, I03, I05, I07, I08, I09, LAS09, TL05, TL12, TL15				
3.2.2:	Maintain a reliable instant messaging system for the district staff members. Comments: Google Talk LEA LRPT Correlates: I01, I05, TL08	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator	99% Uptime of Instant Messaging System
3.2.3:	Install, maintain, and upgrade as needed appropriate video equipment and software for broadcasting via cable TV. LEA LRPT Correlates: I01, I02, I03, I07, I08	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator	Equipment and software installed
3.2.4:	Provide resources for building and maintaining district, campus and classroom websites. Comments: Google Sites for SWB and HLD Haiku Sites for TJHS and THS LEA LRPT Correlates: I01, I03, I09, LAS09, LAS11, TL09	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator Campus Administrators Classroom Teachers	Webpages posted Timely Information
3.2.5:	Maintain state of the art telephone systems, expanding as needed. Comments: IP Phones in all classrooms and offices LEA LRPT Correlates: I01, I05, I07, I08	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Networking Administrator	Telephone system uptime Number of handsets installed

OBJECTIVE 3.3:

Use technology for communication with staff members, studetns, parents, and the community as appropriate.

Budget Amount $18,043.41
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 07, 08, 09, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.3.1:	Continue using email and instant messaging systems to communicate relevant information between administrators, teachers, and support staff. LEA LRPT Correlates: I01, I03, I05, I07, I08, I09, LAS09, TL05, TL12, TL15	State: Original Status: In Progress	Ongoing 20132016	Technology Director Network Administrator Campus Administrators	Email usage stats
3.3.2:	Continue use of cable Channel 96 for posting school news and information. LEA LRPT Correlates: I03, LAS07	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator Campus Administrators	Posted Announcements
3.3.3:	Post school information on district, campus, and classroom websites. LEA LRPT Correlates: I01, I03, I09, LAS09, LAS11, TL09	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator Campus	Webpages posted Timely Information

				Administrators Classroom Teachers	
3.3.4:	Use the district phone system to communicate appropriate information among parents, community members, teachers, and administrators. LEA LRPT Correlates: I01, I05, I07, I08	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator District Administrators Campus Administrators	Record of parent and community contacts as appropriate
3.3.5:	Implement and Use School Messenger for a district wide notification system. Comments: Used for school emergencies, weather delays, daily attendance, and/or general information. Information is sent by text, automatic phone calls and/or emails. LEA LRPT Correlates: I01, I08	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrators Business Manager Superintendent Campus Administrators	Usage reports

OBJECTIVE 3.4:

Provide the technology staff necessary to implement and support a progressive technology program on every campus.

Budget Amount $300,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 04a, 06, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
3.4.1:	Evaluate technology support personnel needs annually. LEA LRPT Correlates: EP09, LAS10, TL16	State: Original Status: In Progress	April 2014 April 2015 April 2016	Technology Director Director of Instructional Design Superintendent	Evaluations Meeting Minutes
3.4.2:	Examine funding options for additional technology support personnel. LEA LRPT Correlates: I02	State: Original Status: Planned	April 2014 April 2015 April 2016	Superintendent Business Manager	Funding options identified
3.4.3:	Employ additional technology support personnel as appropriate. LEA LRPT Correlates: EP09, I02, TL16	State: Original Status: Planned	Ongoing 2013-2016	Superintendent Technology Director Director of Instructional Design	Additional staff hired
3.4.4:	Consider employing additional Technology Applications certified teachers within the district. LEA LRPT Correlates: LAS10, TL01, TL02, TL08	State: Original Status: Planned	Ongoing 2013-2016	Superintendent Campus Administrators	Number of tech apps certified instructors hired
3.4.5:	Consider hiring student workers during the summer to help the technology staff while learning about hardware, software, and networking.	State: Original	Summers 2013-2016	Superintendent Director of Instructional	Number of students employed

	State/Status:		Person(s) Responsible:	
LEA LRPT Correlates: LAS10, TL01, TL02, TL08, TL12	Status: Planned		Design Technology Director Network Administrator	

OBJECTIVE 3.5:

Install and maintain the necessary technologies to provide a safe, comfortable teaching and learning environment.

Budget Amount $35,000.00
LRPT category: Leadership, Administration and Support

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

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.5.1: Add, upgrade, and maintain network security cameras and related hardware/software. LEA LRPT Correlates: I07, LAS05	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator	cameras and software in place
3.5.2: Add, upgrade and maintain keycard and pin code door lock systems as needed. LEA LRPT Correlates: I07, LAS09	State: Original Status: In Progress	Ongoing 2013-2016	Business Manager Technology Director Maintenance Supervisor	Locks installed
3.5.3: Add, upgrade, and maintain the networked HVAC systems as needed. LEA LRPT Correlates: EP01	State: Original Status: In Progress	Ongoing 2013-2016	Business Manager Technology Director Network Administrator Maintenance Supervisor	HVAC control system installed and running

OBJECTIVE 3.6:

Use technology resources to develop and foster community partnerships while communication educational information and opportunities for technology access to undeserved populations.

Budget Amount $4,500.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 06, 10

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.6.1: Collaborate with community leaders to provide computer Internet access outside of school hours. LEA LRPT Correlates: I03, I05, I08, LAS09, LAS13, TL09, TL13	State: Original Status: In Progress	Ongoing 2013-2016	Superintendent Technology Director	Internet availability in the community

OBJECTIVE 3.7:

Promote a comprehensive technology planning process to address local needs and compliance with state and federal

regulations including budget and funding sources.

Budget Amount $4,500.00
LRPT category: Leadership, Administration and Support

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

Strategies	*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
3.7.1: Annually assess existing technology conditions. LEA LRPT Correlates: LAS02, LAS04, LAS05	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator	Notes of existing conditions
3.7.2: Survey teachers, administrators and community members about technology needs and vision. LEA LRPT Correlates: LAS02, LAS07	State: Original Status: Planned	Fall 2013 Fall 2014 Fall 2015	Technology Director Network Administrator Campus Administrators Classroom Teachers	Survey Data
3.7.3: Correlate technology plan with District and Campus Improvement Plans. LEA LRPT Correlates: LAS01, LAS02, LAS05	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Director of Special Programs Director of Instructional Design Campus Administrators	Plans correlated
3.7.4: Annually compile, edit, and revise the district technology plan prior to submitting eRate form 470. LEA LRPT Correlates: LAS01, LAS02, LAS04	State: Original Status: Planned	November 2013 November 2014 November 2015	Technology Director Director of Instructional Design	Plan written and submitted via ePlan system.
3.7.5: Update a comprehensive disaster recovery plan for critical computer data as needed. LEA LRPT Correlates: LAS14	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator	Disaster recovery practice developed plan

| GOAL 4: Maintain and improve equity and reliability of access to computer systems and network resources for staff, students, families, and community members. |

OBJECTIVE 4.1:

Purchase, upgrade, or replace technology hardware and supporting software as needed.

Budget Amount $250,000.00
LRPT category: Infrastructure for Technology

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

Strategies	*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
4.1.1: Upgrade lab and classroom hardware as needed. LEA LRPT Correlates: I01, I04, I05, I07, I08	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator	Upgraded computers
4.1.2: Upgrade/replace core network infrastructure including file servers, wireless access, and switching equipment as needed. Comments: Wireless infrastructure upgraded in March 2013 with over 90 Aerohive Access Points at 4 campuses and added 10 GB Switches. LEA LRPT Correlates: I01, I05, I07, I08	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator	Equipment purchased Uptime on network
4.1.3: Maintain and support distance learning and video conferencing equipment compatible with communication standards. LEA LRPT Correlates: I01, I05, I06, I07, I09	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator	Working compatible equipment
4.1.4: Maintain software and support agreements for network operating systems, network management, email and messaging services, anti-virus and anti-spam, web filtering, AE and Deep Freeze, SMS and Business management software, imaging, and other critical software. LEA LRPT Correlates: I01, I05, I07, I08, I09	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Director of Instructional Design Network Administrator Business Manager	Licensing agreements
4.1.5: Upgrade/expand telephone systems as needed. Comments: All classrooms and offices are equipped with an IP phone LEA LRPT Correlates: I01, I05, I07, I08	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator	Upgrades installed components added
4.1.6: Maintain the student and teacher 1:1 devices. Comments: Purchased Spring 2013 LEA LRPT Correlates: I01, I03, I04, I05, I07, I08, I09, LAS05, TL08, TL09, TL12	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator Director of Instructional Design Campus	Working devices

				Administrators Classroom Teachers Students	

OBJECTIVE 4.2:

Secure appropriate bandwidth and communications services fro instructional and administrative needs.

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

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.2.1:	Track daily, weekly, and monthly bandwidth usage to determine trends. LEA LRPT Correlates: I01, I06, I08, I09, LAS08	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director Network Administrator	Usage Reports and graphs
4.2.2:	Use E-Rate funding to increase Internet bandwidth as needed. Comments: Currently 40 Mbs Up and Down LEA LRPT Correlates: I01, I02, I06, I07, I08	State: Original Status: Planned	Ongoing 2013-2014	Technology Director Network Administrator	bandwidth purchased bandwidth usage reports

OBJECTIVE 4.3:

Acquire and upgrade equipment necessary to test, analyze, troubleshoot, and manage network infrastructure and peripherals.

Budget Amount $22,596.00
LRPT category: Infrastructure for Technology

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.3.1:	Purchase upgrades for network bandwidth management as required. LEA LRPT Correlates: I01, I05, I07, I09	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director	Upgrades purchases
4.3.2:	Purchase and use network analyzing, testing, and maintenance equipment as feasible. LEA LRPT Correlates: I01, I05, I06, I07, I08, I09	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director	Equipment purchased

OBJECTIVE 4.4:

Upgrade facilities, electrical capacity, network wiring, and other infrastructures as needed.

Budget Amount $50,000.00
LRPT category: Infrastructure for Technology

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

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.4.1: Add circuits and electrical outlets on campuses as needed. LEA LRPT Correlates: I01, I08	State: Original Status: Planned	Summer 2013 Summer 2014 Summer 2015	Business Manager Maintenance Supervisor Technology Director	circuits and outlets installed
4.4.2: Add or upgrade network wiring and connectivity drops as needed. LEA LRPT Correlates: I01, I05, I07, I08	State: Original Status: In Progress	Ongoing 2013-2016	Technology Director	Drops/Wiring Installed

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: $3,260.00

Method of application for formula funds: REAPed

Budget year 2013

Budget item	Cost	Funding Sources with amount per source
Staff Development	$35,000.00	51% Local 49% Federal
Telecommunications & Internet Access	$76,014.81	44% Local 5% Federal 51% ERate
Materials & Supplies	$17,310.00	48% Local 52% Federal
Equipment	$100,000.00	51% Local 49% State Tech Allotment
Maintenance	$113,070.00	100% Local Includes Network Administrator's salary and Maint. Contracts
Miscellaneous Expenses	$46,310.00	68% Local 32% Federal
Total	$387,704.81	

Budget year 2014

Budget item	Cost	Funding Sources with amount per source
Staff Development	$35,000.00	51% Local 49% Federal
Telecommunications & Internet Access	$76,014.80	44% Local 5% Federal 51% ERate
Materials & Supplies	$17,310.00	48% Local 52% Federal
Equipment	$100,000.00	51% Local 49% State Tech Allotment
Maintenance	$113,070.00	100% Local Includes Network Administrator's salary and Maint. Contracts
Miscellaneous Expenses	$46,310.00	68% Local 32% Federal
Total	$387,704.80	

Budget year 2015

Budget item	Cost	Funding Sources with amount per source
Staff Development	$35,000.00	51% Local 49% Federal

Telecommunications & Internet Access	$76,014.80	44% Local 5% Federal 51% ERate
Materials & Supplies	$17,310.00	48% Local 52% Federal
Equipment	$100,000.00	51% Local 49% State Tech Allotment
Maintenance	$113,070.00	100% Local Includes Network Administrator's salary and Maint. Contracts
Miscellaneous Expenses	$46,310.00	68% Local 32% Federal
Total	$387,704.80	

Evaluation

Evaluation Process:
The TISD Technology committee will meet at least once per year to assess the plan's progress. Updates will be made at that time or as needs arise. The superintendent, Director of Instructional Design, and Technology Director will coordinate the plan evaluation with the committee and will distribute findings. The technology plan and related documents will be available on the district website for public review.

Evaluation Method:
Quantitative measures for evaluating project goals are listed in the attached Objectives/Strategies pages. Additional quantitative evaluation measures include use of staff and student use surveys, checklists, and observations.

Qualitative evaluation strategies will identify the degree to which staff and students have met stated objectives for technology integration. A combination of peer review, PDAS evaluations by principals, teacher self-reports, criterion rubrics, and mentoring will be used to identify quality of technology integration and the increasing ability of teachers to integrate technology into instruction. Specific evaluation criteria will be based on the LoTI (Levels of Technology Implementation) Assessment and the Texas STaR Chart.

Student performance on STAAR will be reviewed each year with the technology impact on those scores being identified through correlation with STAAR prep software reports.

Classroom projects demonstrating student mastery of the Technology Applications TEKS will be used to determine student technology proficiencies.

Checklists will be used to evaluate the acquisition and deployment of technologies and telecommunication services.

The technology committee will review the timeliness of implementation through comparison with the timelines stated in the technology plan. Adjustments will be made as needed.

Appendix

Attachment item A:

Electronic Communication and Data Management Administrative Regulations CQ (Including CIPA policy and AUP)

- PDF file: http://www.tuliaisd.net/index/subpages/districtinfo/RegManual/CQ_regulation.pdf

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