

HONDO ISD Technology Plan

2016 - 2019

A'Lann Truelock

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 20
City, State Zip HONDO, TX 78861
Phone (830) 426-3027
Fax (830) 426-7683
County District Number 163904

Number of Campuses	4
Total Student Enrollment	2066
District Size	1,600 - 2,999
Percent Econ. Disadvantaged	62.00%

Technology Expenditures	\$2,097,470.00	
Technology budgets reported in plan by category	Teaching and Learning Budget	\$621,367.00
	Educator Preparation and Development Budget	\$310,299.00
	Leadership, Administration and Support Budget	\$318,500.00
	Infrastructure for Technology Budget	\$847,304.00
	Total:	\$2,097,470.00
Technology Expenditure Per Pupil	\$1,015.23	
Number of Campuses with High-Speed Broadband Internet Access	4	
Percentage of Campuses with High-Speed Broadband Internet Access	100.00%	
Number of Classrooms with High-Speed Broadband Internet Access	170	
Percentage of Classrooms with High-Speed Broadband Internet Access	100.00%	
Computer/Student Ratio	2 student(s) for every computer	
Computer/Teacher Ratio	1 teacher(s) for every computer	
CIPA Compliance	CIPA compliance was certified by the district on 03/21/2016. Hondo ISD Board has adopted internet safety policy that complies with the Children's Internet Protection Act as stated in Local Policy CQ at the August 27, 2012 board meeting	

Plan Introduction

Plan Last Edited 03/24/2016

Plan status: submitted
Years Included in the Plan: 2016 - 2019
Number of years covered by the plan: 3

Does the district file E-Rate? yes
Submitted plan PRIOR to posting 470.

Technology Planning Committee

Mary Jo Peters - Director of Technology A'Lann Truelock -- Superintendent Rose Mary Mares - Assistant Superintendent
Cynthia Gann -- Director of Special Education Carol Schmidt- District Tech Support Jim Angst - Principal Hondo High School
Laura Graff -- Technology Facilitator, Hondo High School & Meyer Elementary School Gabrielle Haby - Teacher, Hondo High School
Sally Bader -- Teacher Hondo High School Michele Bippert -- Curriculum Specialist Hondo High School Steve Alvarado -- Principal, McDowell Middle School
Tim Graff -- Curriculum Specialist McDowell Middle School Tammy Neuman-Technology Facilitator, McDowell Middle School & Woolls Intermediate School
Cathy Lutz -- Teacher, McDowell Middle School Laurie Keller -- Teacher, McDowell Middle School Kami Meuth -- District Librarian, Steve Ayers -- Principal, Woolls Intermediate School
Jennifer Sprenger -- Curriculum Specialist, Woolls Intermediate School Amanda Chessher -- Paraprofessional Teaching Assistant, Woolls Intermediate School
Vanessa Fox -- Principal, Meyer Elementary School Yvonne Rivera, Curriculum Specialist, Meyer Elementary School Yvette Tapia, Tech Apps Teacher, Meyer Elementary School

Executive Summary

HONDO 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. Such skills are essential for academic and workplace success and build the capacity of all teachers to integrate technology effectively into curriculum and instruction. Following the Texas Education Agency's Long-Range Plan for Technology, the district plan addresses the areas of Infrastructure; Teacher Preparation; Teaching and Learning; and Leadership, Administration & Instructional Support.

Infrastructure. The plan will illustrate how the district will continue to provide the necessary upgrades as well as computer and people resources to make the connectivity become a viable learning tool for Hondo students. An important part of technology infrastructure and leadership and administrative support is in the health and integrity of the network and the protection of the users. Internet content is filtered to comply with CIPA and all users (and student guardians) must agree to follow the District's Acceptable Use Policy.

Teacher Preparation and Development. The district has identified staff development as a key element in making the infrastructure work for the education of our students. Many teachers have mastered basic computer skills and the focus over the next years will be to integrate technology into the curriculum since the classrooms have the technology available. All teachers will take the Bright Bytes Clarity survey to monitor technology instructional needs of the campuses. In addition, the building principals will verify use of technology through the T-TESS evaluation instrument. The district conducts professional development activities tied to curriculum goals.

Teaching and Learning. Integrating technology into the curriculum is the key to student learning. As part of the teacher preparation program, teachers will receive support and strategies needed to integrate technology. Documentation of student work and teachers' best practices will be ongoing. Learning opportunities and resources for the students, staff development opportunities for teacher outreach programs for the community utilizing distance learning will be explored. Developing 21st century skills aligned with the Technology Applications TEKS for student and SBEC standards for teachers will be considered in planning.

Leadership, Administration and Instructional Support. The district will provide administrative support for technology through continued membership in area consortia designed to maximize technology purchases/ training for the dollar. Viable communications tools will provide up-to-date information and feedback. Curriculum and data monitor tools ensure that the teachers have information available to make effective instructional decisions and communicate with all stakeholders. The commitment to technology will provide Hondo students and the community with the ability to connect to the world and achieve success through learning, communications, and collaboration. This plan is based on information drawn from many sources including: A review of the literature to identify best practices, a survey of school site hardware and instructional media, surveys of teachers including Clarity and Speak up. 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 school districts 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 the State Board of Educator Certifications adopted Technology Applications Standards for Teachers.

Needs Assessment

Assessment Process:

comprehensive needs assessment utilizing Clarity Survey data, interviews, and inventories was conducted to analyze the current status of technology in the district and determine future needs. Items analyzed included: infrastructure, hardware, software, programs, courses, student achievement, technology resources, staff development, and technical support. Findings from this needs analysis are as follows.

Existing Conditions:

Assessment Process: Items analyzed included: infrastructure, hardware, software, programs, courses, student achievement, technology resources, staff development, and technical support. Findings from this needs analysis are as follows.

Existing Conditions: The following technology is currently in place:

District-Wide

Direct connection to the Internet via ATT GIGaMan leased fiber lines connected to SWTNet consortium as Internet Service Provider.

District servers and SAN in place providing district information and student work.

Written policies in place on acceptable use of the Internet, World Wide Web content, social media, and district network

Distance learning lab available for students, staff, and community members;

Gigabit switch technology at all network closets levels.

Upgrade to Wireless network to provide service for saturated areas

Automated cafeteria system

Library Automated system

Family Access program for parent portal tied to SIS Skyward

School Messenger -- automated emergency calling program

Online Curriculum Management and data disaggregation tool system (Eduphoria)

Asset Management system

Hosted District and campus websites to communicate with all stakeholders

Google Apps for Education access for all students and staff

HONDO High School

Direct connection to the Internet via fiber to HS core and GIGaMan leased lines.

4 drops per classroom

Available computer labs: 1 BCIS lab1, technology applications lab, credit recovery, library and multiuse lab available for signup, 2 windows tablet carts

1:1 ipad for students participating in the Technology Lending Grant

Networked printers

Electronic gradebook and attendance reporting.

Student Access program for student portal tied to SIS Skyward

Interactive Whiteboards in all core subject classrooms

Shared Peripherals such as document cameras, projectors, scanners, cameras, interactive whiteboard, science probeware, graphing calculators, response systems

Digital IP based surveillance system for safety and security

McDowell Middle School

Direct connection to the Internet via single mode fiber to HS core.

4 drops per classroom

Computer labs: computer literacy, 2 multiuse labs, library lab,

District server maintained for the students with middle school information and projects.

Networked printers

Electronic gradebook and attendance reporting.

iStation,

Projectors mounted in every classroom

Interactive whiteboards in all core (math, science, social studies & ELA) classrooms

Shared peripherals such as document cameras (all math & science and some others), scanners, digital flip and still cameras

Digital IP-based surveillance camera system

Meyer Elementary

4 network drops in every classroom.

Two networked computer labs

www.learning.com Technology Applications curriculum

Accelerated Reading, iStation,
Mobile technology for instruction in classrooms in multiple platforms -- iOS, Android and Win8
Interactive whiteboard and mounted projector system in all self-contained classrooms as well as some specialized classrooms
Flip cameras and ipads for all teachers
Network printers
Digital IP-based surveillance camera system
Network printers
Shared peripherals such as scanners, & digital cameras
Videoconferencing available through Jabber connections
Electronic gradebook

Woolls Intermediate School
Direct connection to the Internet via fiber to HS core.
5-6 network drops in every classroom.
One networked computer lab
Mobile devices available for all grade levels in multiple platforms -- iOS, Android and Win8
Networked online card catalog, Internet access, online library database resources, and automated checkout in the library.
Electronic gradebook reporting
www.learning.com Technology Applications Curriculum
Networked printers
Accelerated Reading/ Star Reading testing, IStation,
Interactive Whiteboards at in all classrooms
Limited Shared peripherals such as scanners, cameras, interactive whiteboards
Videoconferencing available through Jabber connections
Digital surveillance camera system

Telecommunications Services

Currently, all students and staff members in the school district have access to the Internet, through a direct connection (as cited above in the Statement of Existing Conditions). LANs are in place on every campus that houses students. IP telephony system with unified messaging provides telecommunications system throughout the district. Purchased and installed with local funds. Other telecommunications services needed include cellular phone service for key instructional personnel who support classroom through administration and technology.

Network infrastructure -- Cisco switches in all MDF & IDF that provide power over ethernet. IP Telephony installed throughout district. Wireless AP installed in all instructional areas on all campuses.

Erate year 2015 category 2 upgraded network fiber on all campuses and upgrades switches to improve bandwidth

Inventory

The latest inventory of current workstations available for student use in HONDO ISD as of December 2015 lists only current, non-obsolete classroom/student computers & mobile devices for instruction. The list does not include administrative computers or file servers.

Hondo High School has a total of 601 students and 529 computers/mobile devices classified as "current" for a 1.1:1 ratio. McDowell Middle School has 485 students with 295 current devices for a 2.5:1 ratio, the worst in district due to recent retirement of several devices. Woolls Intermediate School has 448 students with 273 current devices for a 1.5:1 ratio. Meyer Elementary School has 532 students with 310 current devices for 1.7:1 ratio.

Technology Needs:

Staff Development Needs

Past surveys of teacher technology skills indicate that, while many teachers were comfortable enough with the technology in their personal uses and comfortable in good teaching practices, a higher level of integration should be a district level goal. The data from the Clarity survey Fall 2015 indicates that there is work to be done in the 4Cs -- collaboration, communications, creativity and critical thinking.

The district needs to establish an ongoing and comprehensive professional development program that models use of technology. The technology trainers must share professional development time with other district initiatives. To improve the success of the program, we must find a way to maximize the time in face to face and encourage online learning and collaboration with technology-rich tools. In addition to training teachers in technology integration, we must have the

technology available for them to utilize.

Technology Needs:

It is a priority to improve teaching and learning and educator preparation and development through a consistent, thoroughly conceived staff development plan and assessment process. Efforts will continue to improve the district 2:1 ratio of students to current computers, as many machines are out of warranty. Finding professional development models that address the specific yet varied needs of the teachers is an identified need. Through the institute model, just in time support intervention, mini sessions and a newly proposed online professional development tool, we hope to help teachers increase their skills and comfort level with technology.

Goals, Objectives, and Strategies

GOAL 1: Teaching and Learning -- Improve academic achievement, including technology literacy of all students, through effective integration of technology into curricula and instruction

OBJECTIVE 1.1:

The district will work to have 100 percent of student achieve technology literacy and academic success.

Budget Amount \$207,123.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 07

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.1.1:	Provide instruction in core subjects and non-core subjects with incorporated technology that improves instruction and helps address various learning styles and student populations to provide students what they need for success. LEA LRPT Correlates: LAS10, TL01, TL05, TL08, TL09, TL12, TL14, TL16	State: Original Status: In Progress	2016-19	classroom teachers campus tech. facilitators campus administrators Curriculum and Instruction Specialists	Lesson Plans Implementation of lessons student products state assessments
1.1.2:	Use software programs such as, but not limited to, Eduphoria Aware to analyze strength and weaknesses of students to promote learning success. LEA LRPT Correlates: EP03, LAS08, TL04, TL07	State: Original Status: In Progress	2016-19	Subject Area Content Specialists (SACS) Principals Curriculum and Instruction Specialists	Development of materials District and classroom assessment Results State Assessment results
1.1.3:	Continue common assessments for Grades 2-11 for core curriculum areas; investigate methods to effectively measure progress on TA-TEKS at various grade levels. LEA LRPT Correlates: EP03, LAS08, TL03, TL04, TL07	State: Original Status: In Progress	2016-19	Campus Administrators Classroom Teachers Technology Facilitators Curriculum and Instruction Specialists	Completed Benchmarks Test results Data Available through Aware
1.1.4:	Support classroom Response to Intervention (RTI) with appropriate resources to achieve learning objectives for students at all grade levels as needed, with resources including, but not limited to the TexasSuccess.org resources. LEA LRPT Correlates: LAS08, TL04, TL05, TL07	State: Original Status: In Progress	2016-19	Classroom Teachers Curriculum and Instruction Specialists Campus Administrators	Number of students supported with RTI Improved scores on state assessments
1.1.5:	Improve instruction by providing teachers with electronic tools such as Eduphoria Forethought and access to TEKS Resource System curriculum to allow for better collaborative planning and curriculum. LEA LRPT Correlates: LAS08, TL07, TL08	State: Original Status: In Progress	2013-16	Assistant Superintendent Director of Technology Campus Academic Specialists	Teacher collaboration Robust, consistent curriculum at all grade levels in all subjects Improved Student Scores
1.1.6:	Offer streaming videos through video-on-demand and	State:	2016-19	Technology	Documentation

	video portal for professional development and instructional use Comments: Subscription based services will be used; Tech Youtube channel LEA LRPT Correlates: EP01, EP08, EP09, I09, TL05, TL08, TL09, TL10, TL12, TL13, TL16	Original Status: In Progress		Dept. Campus Tech Facilitators Dept. Heads	of usage Multimedia rich lessons PD completed
1.1.7:	Continue to utilize videoconferencing as appropriate for high school courses and virtual field trips at all grade levels LEA LRPT Correlates: EP08, I01, TL05, TL08, TL12, TL13	State: Original Status: In Progress	2016-19	Campus DL coordinators Teachers	Number of courses offered by DL Number of videoconference virtual field trips and attendance records
1.1.8:	Explore Texas Virtual School Network as opportunity for high school students to have access to classes unavailable in traditional campus setting LEA LRPT Correlates: TL12, TL13	State: Original Status: In Progress	2016-19	Director of Technology Campus Administrators Campus Guidance Counselors	Number of students successfully completing TxVSN courses

OBJECTIVE 1.2:

100 percent of schools will integrate technology skills into subject curriculum and in Tech Apps courses, with students scoring proficient or above on technology applications assessments.

Budget Amount \$207,121.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 03, 04a

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.2.1:	Provide access to technology integration lessons that teachers can use and host Professional Development sessions that feature technology integration LEA LRPT Correlates: EP01, EP02, LAS01, LAS03, TL01, TL02, TL06, TL14, TL16	State: Original Status: In Progress	2016-19	Technology Facilitators Director of Technology Teachers	Use of technology rich lessons PD Completed
1.2.2:	Continue to develop K-8 scope and sequence of technology applications skills aligned to TA-TEKS with appropriate benchmarks LEA LRPT Correlates: LAS01, LAS02, LAS05, TL01, TL03, TL06, TL14	State: Original Status: In Progress	2016-19	Campus Administrators Technology Facilitators Tech Apps Teachers Curriculum and Instruction Specialists	Scope and sequence developed
1.2.3:	A minimum of 4 Technology Applications Courses, including state-required computer science, will be offered at high school to continue to develop student technology skills beyond computer literacy (8th grade). LEA LRPT Correlates: TL02, TL08	State: Original Status: In Progress	2016-19	Tech Apps Teachers Director of Technology Campus Administrators Assistant Superintendent	Courses offered Enrollment Student successful completion of courses
1.2.4:	Continue to offer Technology Applications course for all students to improve technology literacy.	State: Original	2016-19	Tech Apps Teacher	Course offered Enrollment

	LEA LRPT Correlates: TL01, TL03, TL05, TL06, TL08, TL14	Status: In Progress		Campus administration Assistant Superintendent Director of Technology	Students successfully completing course Improved scores on 8th grade technology literacy assessment
1.2.5:	Recruit/Develop Technology Applications certified teachers for elementary and intermediate campuses. LEA LRPT Correlates: TL01, TL03	State: Original Status: In Progress	2016-19	Director of Technology Superintendent Campus Administrators	Teachers certified

OBJECTIVE 1.3:

100 percent of facilities will increase accessibility and innovation whenever appropriate to provide adequate instructional support and technologies in sufficient quantity and quality to meet the educational needs of the district.

Budget Amount \$207,123.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01, 03, 08, 11, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.3.1:	Provide hardware and software including mobile labs, tablets, trackballs, touch screens, adaptive keyboards, Braille embossing equipment and appropriate software as needed LEA LRPT Correlates: EP08, I05, I09, TL08, TL09	State: Original Status: In Progress	2016-19	Special Education Dept. Technology Dept.	Installation and utilization of necessary equipment to ensure access
1.3.2:	Expand Technology hardware access by adding workstations, mobile labs, library research centers, presentation tools including, but not limited to, projectors, interactive whiteboards, and document cameras LEA LRPT Correlates: EP04, EP08, I02, I04, I05, I06, TL08, TL09, TL10, TL11, TL16	State: Original Status: In Progress	2016-19	Director of Technology Special Programs Director Campus Administrators	Installation of equipment and usage
1.3.3:	Provide continuing professional development for teachers that promotes active learning with technology. LEA LRPT Correlates: EP01, EP03, EP04, EP08, LAS03, LAS06, TL01, TL12, TL14, TL16	State: Original Status: In Progress	2016-19	Technology Facilitators Campus administrators Curriculum and Instruction Specialists	Staff Development attendance records Improved records on teacher technology surveys Student Technology proficiency
1.3.4:	Continue the use of Google Apps for Education for secondary students and elementary students as appropriate and needed LEA LRPT Correlates: LAS15, TL08, TL09, TL10, TL12, TL14, TL16	State: Original Status: In Progress	2016-19	Director of Technology Campus Tech. Facilitators Teachers Curriculum and Instruction Specialists	GAFE tools in place and used by students and teachers for instruction and productivity

1.3.5:	Investigate and develop a policy and plan related to innovative communications systems such as social media as instructional tools as well as communications tools to connect with parents, students and community LEA LRPT Correlates: EP02, EP04, EP08, LAS09, TL08, TL12, TL13, TL15, TL16	State: Original Status: In Progress	2016-19	Technology Committee Technology Dept. Campus/District Administration	Policy developed Resource available
1.3.6:	Ensure the campus libraries sustain a technology-rich environment with hardware, software and online resources to enhance student learning LEA LRPT Correlates: EP04, EP08, I03, I05, TL09, TL10, TL11	State: Original Status: In Progress	2016-19	Director of Technology Librarian	Subscriptions to resources Resource Usage reports Equipment installed
1.3.7:	Encourage development of the 4Cs -- collaboration, communications, creativity and critical thinking -- for students and teachers through the use of technology resources. LEA LRPT Correlates: EP08, LAS03, LAS15, TL08, TL11, TL12, TL13	State: Original Status: In Progress	2016-19	Director of Technology Campus Administrators Curriculum and Instruction Specialists	Lesson plans Student projects
1.3.8:	Monitor impact of instructional technology specialists/facilitators to expand as necessary to meet the needs of campus instructional staff. Comments: LEA LRPT Correlates: EP01, EP03, EP04, EP09, TL08, TL10, TL12, TL16	State: Original Status: In Progress	by 2016	Director of Technology Superintendent Campus Administrators	Staff in place Support of instruction increased

GOAL 2: Promote growth in educators' effectiveness in integrating technology into the curricula, achieving proficiency in SBEC Technology Standards, and transforming teaching practices by promoting student-centered, technology-rich learning.

OBJECTIVE 2.1:

100 percent of instructional staff K-8 will be expected to implement and teach the Technology Applications TEKS in conjunction with the integrated technology requirements in the core curriculum TEKS

Budget Amount \$10,800.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01, 02, 04a, 04b, 07, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.1.1:	Expand offerings of professional development courses for teachers, librarians and support staff that focus on preparing teachers to integrate technology into subject matter LEA LRPT Correlates: EP01, EP02, EP04, EP05, EP08, EP09, I01, I03, I09, LAS01, LAS03, TL16	State: Original Status: In Progress	2016-19	Director of Technology Campus administrators Curriculum and Instruction Specialists	Staff Development attendance records Improved scores on Clarity Survey
2.1.2:	Provide continuing professional development for teachers and staff that promotes active learning with technology. LEA LRPT Correlates: EP01, EP03, EP04, EP08, LAS06, TL16	State: Original Status: In Progress	2016-19	Technology Facilitators Campus administrators Curriculum and Instruction Specialists	Staff Development attendance records Improved scores on teacher surveys
2.1.3:	Train and support cadre of teachers on each campus to develop teachers' skills and provide support to teachers to integrate technology and to reach SBEC technology competency LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP07, EP09, LAS06, TL16	State: Original Status: In Progress	2016-19	Technology Dept. Campus Administrators	Teachers identified and informally support colleagues.

OBJECTIVE 2.2:

100 percent of instructional staff in grades PK-12 will be trained and encouraged to integrate technology in curriculum at every opportunity

Budget Amount \$36,000.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01, 02, 03, 04a, 04b, 08, 11, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.1:	Expand offerings of Professional development courses for teachers, staff, and librarians that focus on preparing teachers to integrate technology into subject matter LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP08, EP09, I01, I03, I09, LAS01, LAS03, LAS06, TL16	State: Original Status: In Progress	2016-19	Director of Technology Campus administrators Technology Facilitators Curriculum and Instruction Specialists	Staff Development attendance records Improved scores on teacher surveys

2.2.2:	Provide continuing staff development for teachers that promotes active learning with technology including participation in established instructional PLCs (Professional Learning Communities) and non-traditional methodologies such as flipped, online and/or asynchronous learning. LEA LRPT Correlates: EP01, EP03, EP04, EP08, LAS06, TL16	State: Original Status: In Progress	2016-19	Technology Facilitators Campus administrators Curriculum and Instruction Specialists	Staff Development attendance records Improved scores on teacher surveys and student proficiency
2.2.3:	Continue to offer just-in-time Professional Development support to teachers and librarians utilizing the campus facilitators, Curriculum and Instruction Specialists, and Tech Apps teachers with after-school technology training (as needed) as well as online resources. LEA LRPT Correlates: EP01, EP03, EP05, EP08, LAS03, TL16	State: Original Status: In Progress	2016-19	Director of Technology Campus Facilitators Campus Administrators Curriculum and Instruction Specialists	Course/meeting attendance records Teacher survey
2.2.4:	Investigate possibility of establishing a district technology training lab to facilitate implementation of technology through effective professional development. LEA LRPT Correlates: EP01, EP02, EP03, EP08, I03, I09, TL08	State: Original Status: In Progress	2016-19	Director of Technology Superintendent	Plans for facilities Facilities open
2.2.5:	Train and support cadre of teachers on each campus to develop teachers' skills and provide support to teachers to integrate technology and to reach SBEC technology competency LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP07, EP09, LAS06, TL16	State: Original Status: In Progress	2016-19	Technology Dept. Campus Administrators	Teachers identified and informally support colleagues.

OBJECTIVE 2.3:

100 percent of instructional staff will meet SBEC standards for technology proficiency.

Budget Amount \$56,376.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01, 03, 04a, 04b, 08

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.3.1:	Develop a long-range, leveled Professional Development plan to address specific needs and identify proficiency levels of all teachers with measures of success LEA LRPT Correlates: EP01, EP04, EP05, EP06, EP09, LAS03, TL12	State: Original Status: In Progress	2016-19	Director of Technology Technology Committee Campus Administrators	Plan developed
2.3.2:	Provide training in various formats to assist teachers, librarians and administrators to pass skills assessments aligned with SBEC technology proficiency LEA LRPT Correlates: EP01, EP03, EP04, EP08, LAS06, LAS12	State: Original Status: In Progress	2016-19	Director of Technology Campus Administrators	Demonstration of proficiency levels Teacher survey
2.3.3:	Utilize existing resources to help teachers document SBEC required technology proficiencies. LEA LRPT Correlates: EP04, EP05, EP06, EP07, I09,	State: Revised Status: In	2016-19	Director of Technology	Teacher websites; Eduphoria Workshop/Thrive

	LAS03, LAS12	Progress			
2.3.4:	Administrators will evaluate staff in compliance with the SBEC technology proficiency standards. LEA LRPT Correlates: EP05, LAS12	State: Original Status: In Progress	2016-19	Campus Administrators Director of Technology	T-TESS records walk-through documentation
OBJECTIVE 2.4:					
100 percent of staff will be encouraged to transform educational practices to include collaborative environments and 21st century skills					
<i>Budget Amount \$207,123.00</i>					
<i>LRPT category: Educator Preparation and Development</i>					
E-Rate Correlates: ER02					
NCLB Correlates: 02, 04b, 08					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.4.1:	Teachers trained to use emerging technologies including, but not limited to, Web 2.0 tools, mobile devices, probeware, streaming video, online library resources, and additional software for instruction LEA LRPT Correlates: EP03, EP04, EP08, I05, LAS06, TL13, TL16	State: Original Status: In Progress	2016-19	Campus Technology Facilitators; Lead Teachers; Curriculum and Instruction Specialists	Training attendance records Increased use of emerging technologies
2.4.2:	Distance Learning opportunities are encouraged whenever possible, including connections between campuses and with higher ed resources and can include online courses/resources as well as videoconferencing. LEA LRPT Correlates: EP01, EP04, EP08, I01, I03, LAS10, LAS13	State: Original Status: In Progress	2016-19	Director of Technology Technology Facilitators	Records of participation in distance courses/webinars

GOAL 3: Improve schools and student achievement through effective leadership and planning incorporating technology innovations, expectations and modeling.

OBJECTIVE 3.1:

The district will develop and comprehensive plan for the implementation of technology to improve student achievement.

Budget Amount \$4,500.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 03, 04b, 05, 07, 09, 10, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.1.1: Technology plan will be written in compliance with NCLB and E-rate requirements. LEA LRPT Correlates: LAS01, LAS02, LAS04, LAS05	State: Original Status: In Progress	March 2016	Director of Technology Technology Committee	Plan submitted to TEA
3.1.2: Gather input from teachers, administrators, parents and community member as a technology committee to ensure a broad range of experience and thorough planning LEA LRPT Correlates: LAS02, LAS04, LAS05, LAS07, LAS08	State: Original Status: In Progress	2016-19	Director of Technology Campus principals	membership of committee District Site-based committee minutes
3.1.3: The technology planning committee will regularly evaluate the district technology plan. LEA LRPT Correlates: LAS01, LAS02, LAS03, LAS04, LAS05, LAS07	State: Original Status: In Progress	2016-19	Director of Technology Technology Committee	Meeting records
3.1.4: Technology will be part of the campus/district improvement plans. LEA LRPT Correlates: LAS01, LAS02, LAS04, LAS05, LAS06	State: Original Status: In Progress	2016-19	Campus SBDM teams District SBDM team Director of Technology	Campus Improvement Plans District Improvement Plan

OBJECTIVE 3.2:

100 percent of schools will utilize technology to access and maintain student records.

Budget Amount \$108,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 06, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.2.1: Campuses will analyze data to set campus goals and make decisions to improve student achievement. LEA LRPT Correlates: LAS08, TL07	State: Original Status: In Progress	2016-19	Campus Administrators Curriculum and Instruction Specialists Classroom teachers SBDM teams	Data collection and disaggregation Campus Plans
3.2.2: Campus personnel will utilize software systems to maintain student grades and attendance to	State: Original	2016-19	Director of Technology	Data in gradebook/attendance

	generate accurate reports for student, parent, and teacher use. LEA LRPT Correlates: EP03, I01, I09, LAS08, LAS11, TL07	Status: In Progress		Campus Administrators	records
3.2.3:	Continue secure online access to student information for families and secondary students to promote self-sufficiency and communications between home and school. LEA LRPT Correlates: I01, I08, LAS11	State: Original Status: In Progress	2016-19	Director of Technology Assistant Superintendent Campus Administrators	Student Information System Usage records
3.2.4:	Continue district intranet resources to give staff access to digital resources in secured environment as needed. LEA LRPT Correlates: I01, LAS08	State: Original Status: In Progress	2016-19	Director of Technology Campus Webmasters Curriculum and Instruction Specialists	Information posted and available

OBJECTIVE 3.3:

100 percent of staff will be encouraged to utilize electronically delivered information to communicate with staff, parents and concerned community members, as appropriate.

Budget Amount \$21,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 03, 09, 10, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.3.1:	All staff will utilize a variety of means to communicate student progress to families, including, but not limited to, voice and email communications, Student Information System, newsletters, and class web pages. LEA LRPT Correlates: I01, I08, LAS13	State: Original Status: In Progress	2016-19	Webmasters Teachers Administrators	Documentation of parent contacts Feedback on websites
3.3.2:	The district website will be maintained and expanded with information for community members, including campus websites, library links, current employment opportunities, student projects, curriculum, resources for adult literacy and continuing education opportunities. LEA LRPT Correlates: EP08, I01, LAS09, LAS13, TL15, TL16	State: Original Status: In Progress	2016-19	Director of Technology Webmasters Teachers Administrators	Information on website Documentation on visits to site
3.3.3:	Teachers and Administrators will be encouraged and assisted in writing grants to qualify for additional funding to develop regional collaborative opportunities. LEA LRPT Correlates: LAS05, LAS13	State: Original Status: In Progress	2016-19	Director of Technology Campus administrators and tech facilitators	Grants received
3.3.4:	Information about district and campus site-based decision-making committees will be posted online at the district website. LEA LRPT Correlates: LAS07, LAS09, LAS13	State: Original Status: In Progress	2016-19	Director of Technology Assistant Superintendent	Website postings
3.3.5:	Teacher and librarian evaluations will be maintained electronically.	State: Original	2016-19	Campus Administrators	T-TESS and Appraise records

	LEA LRPT Correlates: LAS08, LAS09, LAS12	Status: In Progress		Assistant Superintendent Director of Technology	
3.3.6:	Investigate and develop a policy and plan related to innovative communications systems such as social media as instructional tools as well as communications tools to connect with parents, students and community LEA LRPT Correlates: EP02, EP04, EP08, LAS09, TL08, TL12, TL13, TL15, TL16	State: Original Status: In Progress	2016-19	Technology Committee Technology Dept. Campus/District Administration	Policy developed Resource available

OBJECTIVE 3.4:

Develop and expand partnerships with the community to use technology to expand the educational opportunities of students as well people in the community.

Budget Amount \$22,500.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 03, 10, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.4.1:	Continue to participate in area consortia such as netVision20 and SWTNet to to improve technology resources by leveraging resources at the regional level. LEA LRPT Correlates: I01, I02, I03, LAS09	State: Original Status: In Progress	2016-19	Director of Technology Superintendent	Membership
3.4.2:	Continue to work with local junior college and online higher ed resources to offer students dual-credit college courses and GED training to members of the community LEA LRPT Correlates: I03, LAS09, LAS13, LAS15	State: Original Status: In Progress	2016-19	Campus DL Coordinators Counselors	Courses offered at district locations Participation by members of the community as needed
3.4.3:	Continue to work collaboratively with partners as possible in the Technology Enhancing Education in Math & Science in 21st century (TEEMS21) project to improve instruction in 5-8 math/science instruction, teacher development and library services-- (Target Tech for Texas (T3) grant -- 2011) Comments: Grant ended Sept. 2011 LEA LRPT Correlates: EP01, EP04, EP09, I04, LAS09, LAS13, TL05, TL08, TL10, TL11	State: Original Status: Completed	2009-2011	Director of Technology T3 Grant coordinator (ESC20)	Collaboration records of meetings Implementation of Professional Development Improved instruction

OBJECTIVE 3.5:

The district will develop a comprehensive plan for the implementation of technology to improve school record-keeping systems as well as school safety.

Budget Amount \$162,500.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 03

Strategies		State/Status:	Timeline:	Person(s)	Evidence:
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				<i>Responsible:</i>	
3.5.1:	Maintain Disaster Recovery Plan to be sure it addresses the the security of student/personnel data and the viability of the school network resources. LEA LRPT Correlates: I03, I08, LAS14	State: Original Status: In Progress	2016-19	Director of Technology Assistant Superintendent Safety and Security Officer	Plan developed
3.5.2:	Surveillance cameras systems will be maintained for student safety and protection of school property. LEA LRPT Correlates: I01, I07, LAS14	State: Original Status: In Progress	2016-19	Assistant Superintendent Principals Director of Technology	Installation of cameras and equipment Monitoring data
3.5.3:	The district will maintain a district-wide asset management system for technology as well as other inventoried items. LEA LRPT Correlates: I01, I05, I07, I09, LAS14	State: Original Status: In Progress	2016-19	Director of Technology Director of Maintenance and Transportation Campus Technology Facilitators Administration	Equipment barcoded and inventoried in new system

GOAL 4: To ensure that all students and teachers have increased access to technology while maintaining network integrity and enforcing a policy of internet safety.

OBJECTIVE 4.1:

100 percent of the LAN/WAN structure will be optimized to meet the needs of all aspects of the school district enterprise

Budget Amount \$284,504.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03, 05

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.1.1:	The district will maintain a district-owned fiber WAN between each main campus site with leased fiber to internet provider to provide enough bandwidth for campuses and central offices. LEA LRPT Correlates: I01, I05, I06, I08	State: Original Status: In Progress	2016-19	Director of Technology	Operation of existing network
4.1.2:	Monitor usage and upgrade network infrastructure as needed to increase speed and replace obsolete equipment. LEA LRPT Correlates: I01, I06, I07, I08	State: Original Status: In Progress	2016-19	Director of Technology	Installation of new equipment Improved connectivity
4.1.3:	Maintain/upgrade as needed a standardized IP telephony system with integrated messages on every campus in the district. LEA LRPT Correlates: I01, I03, I06, I07, I08	State: Original Status: In Progress	2016-19	Director of Technology	Installation and successful use of equipment and software
4.1.4:	Maintain and expand as needed wireless access points to increase connectivity to meet needs of wireless initiatives including state and national broadband initiatives. LEA LRPT Correlates: I01, I03, I04, I05, I06, I08	State: Original Status: In Progress	2016-19	Director of Technology	Installation and utilization of wireless access points
4.1.5:	Work to secure outside grant/funding resources to enhance infrastructure. LEA LRPT Correlates: I02, I03	State: Original Status: In Progress	2016-19	Director of Technology Technology Committee Superintendent	Additional funding acquired
4.1.6:	Maintain or expand Tech Dept. staff with the addition of network support/computer personnel to meet needs of district and allow campus tech facilitators more time to directly support instruction and professional development. LEA LRPT Correlates: I01, I04, I05, I07, I08, I09	State: Original Status: In Progress	2016-19	Director of Technology Superintendent	Staff hired

OBJECTIVE 4.2:

100 percent online connectivity will be maintained from every location in the district

Budget Amount \$46,800.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03, 05

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s)</i>	<i>Evidence:</i>
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				<i>Responsible:</i>	
4.2.1:	District will provide Internet access for every workstation as needed for instruction and effective employee productivity. LEA LRPT Correlates: I01, I05, I06, I08	State: Original Status: In Progress	2016-19	Technology Dept.	Connectivity maintained
4.2.2:	Maintain district web-based services including but not limited to district/campus websites and web access to email, employee personnel information and student data. LEA LRPT Correlates: I01, I03, I06, I08, I09, LAS11, LAS13, TL16	State: Original Status: In Progress	2016-19	Director of Technology	Availability of resources
4.2.3:	Maintain security measures including anti-virus, anti-spam, intrusion detections, secure network credentials, and backup system to ensure network integrity and availability. LEA LRPT Correlates: I01, I05, I06, I07, I08, LAS14	State: Original Status: In Progress	2016-19	Technology Dept.	Network secure
4.2.4:	Continue district online resource to giving staff access to digital resources, including but not limited to GAFE and Eduphoria Suite, in secured environment as needed. LEA LRPT Correlates: I01, I05, I09	State: Original Status: In Progress	2016-19	Director of Technology Campus webmasters Administration	web usage

OBJECTIVE 4.3:

100 percent of campuses will continue to work toward optimal user/computing device ratio

Budget Amount \$456,000.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03, 05, 08

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.3.1:	District will strive for a minimum student to computing device ratio of 2:1 with a student computer lab ratio of 1:1 when applicable. LEA LRPT Correlates: I04, I09, TL08, TL09	State: Original Status: In Progress	2016-19	Director of Technology	Installation and use of computers/devices by students
4.3.2:	District will maintain teacher to computer ratio of 1:1 availability, making the stations dedicated when possible/necessary. LEA LRPT Correlates: EP08, I01, I04, I07, TL13	State: Original Status: In Progress	2016-19	Technology Dept.	Inventory of workstations/laptops
4.3.3:	Continue obsolescence plan to maximize the usage of equipment and provide adequate devices for tasks. LEA LRPT Correlates: I01, I02, I04, I05, I07	State: Original Status: In Progress	2016-19	Director of Technology Campus Administrators	Plan developed, Replacement equipment purchased and obsolete equipment retired
4.3.4:	Allow students and staff to bring personal devices through policy change, safety measures to protect the network and leveraging the availability of resources for users. LEA LRPT Correlates: I01, I03, I04, I08, LAS09	State: Original Status: In Progress	2016-19	Director of Technology Superintendent Campus Administrators	appropriate use of personal devices

OBJECTIVE 4.4:

100 percent of the district personnel will be encouraged to explore and include new, emerging technologies to maximize user potential, where appropriate

Budget Amount \$60,000.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 01, 03, 04a, 05

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.4.1:	Shared use of specialized technologies such as videoconferencing systems, digital cameras, scanners, digital video cameras will be in available on every campus LEA LRPT Correlates: I05, LAS10, LAS15, TL09	State: Original Status: In Progress	2016-19	Technology Dept. Campus Administrators	Availability of devices/resources
4.4.2:	Maintain a standardized IP telephony system with integrated messages on every campus in the district and investigate moving to a cloud based IP telephony system. LEA LRPT Correlates: I01, I03, I06, I07, I08	State: Original Status: In Progress	2016-19	Director of Technology	Upgrades and use of equipment and software
4.4.3:	Classrooms will be planned and upgraded with presentation tools including interactive whiteboards, projectors and/or document cameras LEA LRPT Correlates: EP09, I01, I05, LAS10, TL05, TL08, TL12, TL13	State: Original Status: In Progress	2016-19	Director of Technology Campus Administrators	Equipment installed; obsolete equipment retired

Budget

Budget year 2016		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$143,000.00	Local -- salaries for facilitators and part of director salary
Telecommunications & Internet Access	\$52,540.00	Erate 44659, local \$7881
Materials & Supplies	\$75,000.00	Local, title I SCE, HS Allotment for curricular resources, SIS and software
Equipment	\$250,000.00	Local, Title funds
Maintenance	\$70,200.00	local -- salaries and contracted services
Miscellaneous Expenses	\$116,750.00	local salaries, memberships, support
Total	\$707,490.00	

Budget year 2017		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$143,000.00	Local -- salaries for facilitators and part of director salary
Telecommunications & Internet Access	\$52,540.00	Erate 44659, local \$7881
Materials & Supplies	\$75,000.00	Local, title I SCE, HS Allotment for curricular resources, SIS and software
Equipment	\$255,000.00	Local, Title funds
Maintenance	\$70,200.00	local -- salaries and contracted services
Miscellaneous Expenses	\$116,750.00	local salaries, memberships, support
Total	\$712,490.00	

Budget year 2018		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$143,000.00	Local -- salaries for facilitators and part of director salary
Telecommunications & Internet Access	\$52,540.00	Erate 44659, local \$7881
Materials & Supplies	\$75,000.00	Local, title I SCE, HS Allotment for curricular resources, SIS and software
Equipment	\$220,000.00	Local, Title funds
Maintenance	\$70,200.00	local -- salaries and contracted services
Miscellaneous Expenses	\$116,750.00	local salaries, memberships, support
Total	\$677,490.00	

Evaluation

Evaluation Process:

The evaluation of the elements of the plan will be ongoing as teaching and learning strategies utilize the technology to reach the educational goals of the district.

The plan itself will be evaluated and updated as needed by the technology committee. The technology committee will meet regularly to monitor the progress of the programs.

Evaluation Method:

*In addition to the campus Bright Bytes Clarity survey, the Technology Plan contains evaluations and assessment instruments that are measurable and directly related to the project objectives and activities

*Records of staff member participation in technology training monitored by sign-in sheets and teacher professional development records.

*Integration of training into the classroom as measured by lesson plans and number and type of technology and distance learning projects.

*Monitoring and documentation of community access to technology resources and information on the campuses and on the web site.

*Monitoring and documentation of community involvement

*Yearly inventory of hardware and software

*Support and maintenance of technology as documented by technical support records

*Staff Development activity will be surveys and proficiency assessments/portfolios.

*Data from the teacher appraisal system T-TESS can be reviewed to monitor the percentage of teachers demonstrating technology integration skills

*The Director of Technology and campus facilitators will monitor activities, timeliness, and assessment instruments. Data will be collected as appropriate for the activities, i.e. workshop evaluation instruments upon completion of the workshop, documentation of best practices by campus, etc.

*Student skills will be assessed with a variety of classroom assessments including rubrics and portfolios based on the products and grade level of the students: web pages, presentations, documents, video, spreadsheets, etc. Grades on distance learning courses can be monitored to ensure student success in the programs. All 8th grade students will be assessed for technology literacy utilizing a standardized online assessment.

*Student passing rate on State Assessments for all sub-populations.

*Infrastructure additions and upgrades will be evaluated by timeliness and effectiveness of installation and configuration.

*Student:computer and teacher:computer ratios will monitored by inventory records.

*Installation and utilization of emerging technology will be monitored by placement and usage.

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