

SHELDON ISD Technology Plan

2013 - 2016

Dr. Vickey M. Giles

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 4
City, State Zip HOUSTON, TX 770442002
Phone (281) 727-2000
Fax (281) 727-2085
County District Number 101924

Number of Campuses	10
Total Student Enrollment	7765
District Size	5,000 - 9,999
Percent Econ. Disadvantaged	79.30%

Technology Expenditures	\$2,149,000.00	
Technology budgets reported in plan by category	Teaching and Learning Budget	\$610,000.00
	Educator Preparation and Development Budget	\$63,000.00
	Leadership, Administration and Support Budget	\$969,000.00
	Infrastructure for Technology Budget	\$507,000.00
	Total:	\$2,149,000.00
Technology Expenditure Per Pupil	\$276.75	
Number of Campuses with High-Speed Broadband Internet Access	10	
Percentage of Campuses with High-Speed Broadband Internet Access	100.00%	

Number of Classrooms with High-Speed Broadband Internet Access	498
Percentage of Classrooms with High-Speed Broadband Internet Access	100.00%
Computer/Student Ratio	4 student(s) for every computer
Computer/Teacher Ratio	1 teacher(s) for every computer
Number of campuses that need to complete the Texas Campus STaR Chart	10
Percentage of campuses that have completed the Texas Campus STaR Chart	40.00 %
CIPA Compliance	CIPA compliance was certified by the district on 01/30/2014. The Sheldon ISD Instructional Technology Department incorporates an Internet Safety/Cyber-bullying curriculum provided by Learning.com for grades K-5 throughout the school year. Grades 6-12 and parents are provided a 45 minute grade level appropriate Internet Safety/Cyber-Bullying presentation/assembly with special speakers, like Janet Corder and Joan Gore. The Sheldon ISD Technology and Infrastructure Department provides the whole district a CIPA compliant internet content filtering process with the use of Lightspeed. This also includes students who bring their own device to school and student devices that travel.

Plan Introduction

Plan Last Edited 02/12/2014

Plan status: not submitted
Years Included in the Plan: 2013 - 2016
Number of years covered by the plan: 3

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

new plan

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

Technology Planning Committee

Dr. Joan Bowman, Assistant Superintendent
Denise Smesny, Director of Instructional Technology & CTE
Laurinda Schweers, Instructional Technology Specialist
James Locklin, Monahan Elementary
Andres Chavez, Garrett Elementary
Julie Trzecki, Royalwood Elementary

Stephanie Abshire, Cravens Early Childhood Academy
Miriam Charles, Carroll Elementary
Inez Escandon, Sheldon Elementary
Johnny Glenn, Director of Infrastructure/Technology
Michael Sanchez, District Systems Analyst
Victor Bushfield, Webmaster
Paul Blackey, C.E. King High School
Danielle Harrison, C.E. King Middle School
Willa McDowell, Sheldon Early Childhood Academy
Debbie Butler, Michael Null Middle School

Executive Summary

Sheldon ISD will provide technology services for literacy, integration, and transformative learning to help prepare students to successfully live, learn, and work in the Digital Age. The district's infrastructure provides connectivity for both hard-wired and wireless devices, projection equipment, voice enhancement systems, student response systems, IP phones, distance learning, video conferencing, other electronic services, and employee and student-owned devices.

Review and revision of this plan has been an annual district effort including campus Instructional Technology Specialists and district administrators. The current committees are planning for future growth in both student population and technology resources available for student, teacher, and administrator use.

Sheldon ISD believes that:

- Technology is a tool to be used for motivating all learners and encompassing various learning styles.
- Technology is a tool for classroom use which should be provided to enhance instruction provided by the classroom facilitator or teacher.
- Access to the reality of our world is important to the learning opportunities of all learners. Consequently, connectivity is an integral part of the instructional environment.
- Full integration of technology into the classroom will enhance learning. This requires support for staff and students in strategies and methods required to promote such integration.
- It is essential for teachers, students, and staff to understand and practice ethical use of technology.

This technology plan is aligned with district, state, and national goals. Funding sources for Sheldon ISD include the various grant funds and local funds.

Needs Assessment

Assessment Process:

Assessment Process:

Sheldon ISD uses both informal and formal data collection in order to determine district technology needs.

Results of the 2012-2013 campus STaR charts produced the following findings:

- Key Area I: Teaching and Learning – Teachers rated SISD as Developing Tech in this area. Teachers gave the highest ratings to “Design of Instructional Setting Using Digital Content” and “Content Area Connections.” Factors in this rating included ongoing access to such programs as Discovery Learning as it integrates into CScope curriculum, Plato and Cognitive Tutor, and other district instructional software programs.
- Key Area II: Educator Preparation and Development - Teachers rated the district as Developing Tech in this category. Teachers gave the highest rating to “Levels of Understanding and Patterns of Use.” Although teachers report that they use technology as a tool in and across the content area to enhance higher order thinking skills, they do not yet create interactive, collaborative, and customized learning environments to move technology integration to the next level.
- Key Area III: Leadership, Administration, and Instructional Support – Teachers rated SISD Advanced Tech in this area with high ratings in most areas of this section. Teacher ratings reflected a sense of administrative support for

leadership and vision, planning, communication and collaboration, budget, and support for online learning.

• Key Area IV: Infrastructure for Technology – District teachers rated this area as Advanced/Developing Tech. The highest rated column in this category was “Internet Access Connectivity Speed.” Other positive indicators were response time for technology support, the robustness of the district network, and the rich media sources available.

Areas of Concern:

• Key Area I: Teaching and Learning – Improving productivity through classroom technology integration, Technology Applications awareness, the use of adopted technology applications materials to assist in instruction, student mastery of Technology Applications, and the use of customized web-based activities with students.

• Key Area II: Educator Preparation and Development – Lack of participation in staff development related to integrating technology to promote higher-order thinking skills, group professional development sessions focusing on teacher productivity and technology integration, meeting minimum SBEC Technology Applications standards, participating in 9 to 18 hours of technology professional development per year, and a lack of professional development devoted to the customization of web-based lessons and online teaching for the content area.

• Key Area IV: Infrastructure for Technology – Insufficient numbers of multimedia computers per classroom, a lack of readily available technology equipment including digital cameras, digital video cameras, student response systems, interactive tablets, and interactive white boards, and a lack of scheduled access to student online learning with rich media such as streaming video, podcasts, applets, animation, and other products.

Existing Conditions:

Infrastructure:

- 10 gig fiber connectivity for the WAN backbone
- 1 gig copper and fiber for campus LANs
- Wireless at all campuses
- 100 MB to the desktop throughout the district with 1 gig capability if required
- POE switches to support VOIP
- Approximately 30 servers district-wide (most virtual)
- Two SAN's with nine terabytes of storage

Hardware:

- Computer to administrator/teacher ratio – 1:1
- Computer to student ratio – 1:4
- One computer workstation per classroom with additional workstations in elementary or secondary classrooms per campus need

Labs: • One lab (28-30 computers) at each elementary campus

• One lab (23-25 computers) at each early childhood academy

• Two labs (28 computers) at each middle school

• Eleven labs (20-25 computers) at the high school

• Three portable wireless laptop labs for each elementary (24 units per mobile cart)

• Six portable wireless laptop labs for each middle school (30 units per mobile cart)

• Seven portable wireless laptop labs at the high school (30 units per mobile cart)

• One portable wireless laptop lab at each early childhood academy (24 units per mobile cart)

• One portable wireless laptop lab at the Ney Administration Building (24 units per mobile cart)

• Printer Standard: One networked laser printer for every four classrooms, one laser printer per lab, and networked laser printers in libraries and office areas. Xerox copier/scanner/printer/fax machines at each campus and administration.

• Telephone Standard: Nortel/Shortel VOIP in every classroom. Nortel/Shortel VOIP throughout Sheldon ISD.

• Software Standard: District load includes Windows (current version XP and Windows 7) and Office Suite (current version XP with limited use of Office 2007 and Office 2010)

• Servers: Windows 2008 server and exchange server 2010

☺

Technology Needs:

Administrative Needs:

- Technical and instructional skills for teacher support and student technology needs

- Accountability for providing teachers time to learn to integrate technology into classrooms
 - Summer Technology Academy sessions
 - Adequate resources to make technology an integral part of the administrative and instructional system
- Educator Needs (teachers and paraprofessionals):
- Improving productivity through technology education to support student technology needs
 - Use of quality web-based activities with students
 - On-going staff development related to integrating technology to promote higher-order thinking skills
 - Resources to make technology an integral part of administrative and instructional systems
 - Professional development devoted to web-based lessons and online teaching
 - Accountability for integrating technology into all areas of instruction
 - Summer Technology Academy sessions
 - Technology equipment including digital cameras, digital video cameras, iPads, student response systems, and interactive tablets.

Student Needs:

- Student mastery of technology applications
- Integrated curriculum in order to use technology as a tool in the learning process
- Connectivity and hardware resources that support effective communication and instruction
- Knowledge and skills to be successful in the current and future Digital Age
- Technology equipment including digital cameras, digital video cameras, student response systems, and interactive tablets.

Goals, Objectives, and Strategies

GOAL 1: GOAL 1: All students and staff will have available the necessary technological resources for information access, process, and increased student achievement across the district.

OBJECTIVE 1.1:

Objective 1.1 All educators and students will incorporate technology to improve student academic achievement in all areas of teaching and learning.

Budget Amount \$331,000.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER02

NCLB Correlates: 01, 04a, 07, 08, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.1.1: Teachers and other instructional staff will integrate content specific software into the curriculum as a part of No Child Left Behind. Comments: This is an ongoing initiative. Software titles may change as programs change and are revised by the authors. In addition, new instructional and/or productivity software that meets the district's needs may be developed and purchased at any point over the duration of this plan. LEA LRPT Correlates: I05, LAS05, LAS08, LAS15, TL03, TL05, TL06, TL08, TL16	State: Original Status: In Progress	2013-2016	Campus ITS, Curriculum Specialists, Coordinator of Instructional Technology, and Principals	Training sign-in sheets, lesson plans, and walk-through evaluation documentation
1.1.2: The Coordinators of	State:	2013-	Assistant Superintendents	Forms approving

	<p>Infrastructure/Technology and Instructional Technology will research and evaluate district technology purchases in order to standardize purchases across campuses, to ensure price control, and to ensure best purchasing practices.</p> <p>LEA LRPT Correlates: I05, LAS01, TL08, TL12</p>	<p>Original</p> <p>Status: In Progress</p>	2016	for Administration and Curriculum, Coordinator of Infrastructure/Technology, Coordinator of Instructional Technology	purchases and purchase orders
1.1.3:	<p>The district will provide support for Curriculum Benchmark Assessments in order to increase student achievement.</p> <p>LEA LRPT Correlates: EP03, I05, LAS08, TL04, TL07</p>	<p>State: Revised</p> <p>Status: In Progress</p>	2013-2016	Coordinator of Instructional Technology and Coordinator of Curriculum	Eduphoria/Aware use logs
1.1.4:	<p>Provide mobile computing labs where appropriate for classroom instruction.</p> <p>Comments: Ongoing strategy – additional mobile computing labs will be added as student population expands.</p> <p>LEA LRPT Correlates: I05, LAS05, TL07, TL08, TL09, TL12</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Coordinator of Instructional Technology, Coordinator of Infrastructure/Technology, and Campus Instructional Technology Specialists	Mobil lab usage logs
1.1.5:	<p>Provide wireless network connectivity where appropriate for classroom instruction.</p> <p>LEA LRPT Correlates: I05, TL08, TL15</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2019	Coordinator of Instructional Technology and Coordinator of Infrastructure/Technology	Wireless Usage Logs
1.1.6:	<p>Provide technology links to faculty, staff, and the community in order to provide timely and helpful hints on technology usage through the district website.</p> <p>LEA LRPT Correlates: EP03, LAS07, LAS09, LAS10, TL05, TL15</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Coordinator of Instructional Technology and Campus Instructional Technology Specialists	Technology information posted on the district website
1.1.7:	<p>All Kindergarten, first, and second grade teachers will use TPRI/Tejas Lee to diagnose, to prescribe interventions, and to monitor student progress in reading.</p> <p>LEA LRPT Correlates: I05, TL05, TL08, TL09, TL12</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Coordinator of Instructional Technology, Coordinator of Bilingual Education, and Coordinator of English/Language Arts	TPRI /Tejas Lee data from TANGO software
1.1.8:	Increase the inventory levels	State:	2013-	Coordinator of Instructional	Inventory

	as appropriate for projectors, digital cameras, digital video cameras, document readers, audio enhancement systems, SMART-type technology, student response systems, interactive tablets, and laptops for the use of integrating technology into the curriculum. LEA LRPT Correlates: EP01, EP03, I05, TL08, TL12	Original Status: In Progress	2016	Technology and Coordinator of Infrastructure/Technology	Documentation
1.1.9:	Provide opportunities for distance learning through the use of video conferencing and virtual coursework in order to partner with other Pre K-12 school districts, institutes of higher education, businesses, community, and parents through Region IV Educational Service Center and Texas Virtual Schools. LEA LRPT Correlates: EP06, EP08, I06, I08, I09, LAS05, LAS08, LAS09, LAS10, LAS13, LAS15, TL08, TL09, TL12, TL13, TL15	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology, Coordinator of Infrastructure/Technology, and Campus Instructional Technology Specialists	Logs of video conferences, e-course logs in Eduphoria/Workshop

OBJECTIVE 1.2:

All students will participate in Technology Applications instruction at the appropriate grade level.

Budget Amount \$207,000.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 03, 04a, 05, 07, 11

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.2.1: All Kindergarten students will learn foundational and basic technology skills. Comments: Ongoing strategy based upon TEA Technology Applications TEKS requirements LEA LRPT Correlates: I06, LAS05, LAS15, TL01, TL04, TL05, TL06, TL08, TL09, TL12	State: Original Status: In Progress	2013-2016	Principals and Campus Instructional Technology Specialists at Early Childhood Academies	Technology Applications teacher lesson plans and students reports from Learning.com
1.2.2: Students in grades 1-5 will use the district adopted curriculum and keyboarding software to build basic keyboarding skills and to acquire and reinforce reading, math, writing, science, social studies skills.	State: Original Status: In Progress	2013-2016	Elementary Principals and Campus Instructional Technology Specialists	Student enrollment records, and Technology Applications teacher lesson plans

	LEA LRPT Correlates: I05, LAS15, TL01, TL03, TL04, TL05, TL06, TL08, TL09, TL12, TL13				
1.2.3:	<p>All 7th and 8th grade students may be offered one semester of Technology Applications in order to build basic technology skills, acquire information, solve problems, communicate effectively, and make critical decisions regarding technology trends and issues.</p> <p>Comments: Ongoing strategy based upon district and TEA Technology Applications TEKS requirements.</p> <p>LEA LRPT Correlates: I05, LAS15, TL01, TL03, TL04, TL05, TL08, TL09, TL12, TL13</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Middle School Campus Instructional Technology Specialists, Classroom Teachers, and Principals	Technology Applications teacher lesson plans and Student Enrollment Records
1.2.4:	<p>Students in high school will be offered at least the minimum number of Technology Applications courses as established by TEA. Technology Applications courses that may be offered may include: Fundamentals of Computer Science, Computer Science, Digital Forensics, Discrete Mathematics, Game Programming & Design, Mobile Application Development, Robotics Programming & Design, Digital Design & Media, Modeling & Animation, Web Communication, Design, & Development</p> <p>LEA LRPT Correlates: I05, LAS15, TL01, TL02, TL03, TL04, TL05, TL06, TL07, TL08, TL09, TL12, TL13</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Principals, Technology Applications Teachers, and Counselors	High school course catalog, student course enrollment records, and graduation records
1.2.5:	<p>All students will have access to and select the appropriate technology to access, process, and convey information.</p> <p>LEA LRPT Correlates: I05, LAS15, TL01, TL02, TL03, TL04, TL05, TL06, TL07, TL08, TL09, TL10, TL11, TL12, TL13</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Coordinator of Instructional Technology	Lesson Plans, Technology check-out records
1.2.6:	Annually evaluate the Career and Technology classes for updated and emerging	<p>State: Original</p>	2013-2016	Coordinator of Instructional Technology/CTE	Inventory Reports

	<p>technologies appropriate for the curriculum.</p> <p>Comments: This will be an annual evaluation process.</p> <p>LEA LRPT Correlates: I05, LAS15, TL08, TL09</p>	<p>Status: In Progress</p>			
1.2.7:	<p>7th and 8th grade students may be offered one semester of Touch System Data Entry to learn basic word processing skills and to increase typing speed and accuracy.</p> <p>LEA LRPT Correlates: I05, LAS15, TL01, TL03, TL04, TL05, TL06, TL08, TL09, TL12, TL13</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Coordinator of Instructional Technology, Middle School Counselors	Course list, Keyboarding lesson plans, and student enrollment records
1.2.8:	<p>In accordance with NCLB requirements, all 8th grade students will take the Technology Applications online appraisal offered through the district's Learning.com subscription.</p> <p>Comments: This initiative will be ongoing as long as it is required by NCLB.</p> <p>LEA LRPT Correlates: I05, LAS15, TL01, TL03, TL04, TL06, TL07, TL08, TL09, TL12, TL13</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Coordinator of Instructional Technology, Campus Principals, Campus Instructional Technology Specialists	Learning.com records and NCLB report
1.2.9:	<p>In accordance with NCLB requirements, all students K-12 will participate in Internet Safety training comprised of online safety, online etiquette, anti-cyber-bullying, and anti-sexting instruction.</p> <p>Comments: This will be an ongoing initiative as long as it is required by NCLB.</p> <p>LEA LRPT Correlates: I05, LAS15, TL01, TL03, TL05, TL06, TL09, TL12, TL13, TL14</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Campus Instructional Technology Specialists and Coordinator of Instructional Technology	Lesson plans, Eduphoria forms, and invoices from contracted presentations

GOAL 2: All staff will meet new teacher SBEC standards through quality professional development.

OBJECTIVE 2.1:

Innovative technology usage will be encouraged for 100% of staff through incentives and training.

Budget Amount \$63,000.00
 LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
 NCLB Correlates: 02, 03, 04a, 06, 07, 11

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
<p>2.1.1: Provide faculty and staff with online training opportunities focused on basic, intermediate, and advanced skills, curriculum integration, and student achievement.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, I05, LAS06, LAS10, LAS11</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2013-2016</p>	<p>Campus Instructional Technology Specialists and Coordinator of Instructional Technology</p>	<p>Online course offerings through Eduphoria Workshop, Summer Academy trainings</p>
<p>2.1.2: ½ day staff development for e-mail, network usage, acceptable use, grade book, attendance, Internet Safety, and Discovery Education at the beginning of each school year for new teachers and as a refresher for staff.</p> <p>Comments: Ongoing initiative to refresh skills for returning teachers and as initial training for new teachers.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, LAS06, LAS12</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2013-2016</p>	<p>Coordinator of Instructional Technology and Campus Instructional Technology Specialists</p>	<p>Sign-in sheets, Eduphoria Workshop electronic documentation</p>
<p>2.1.3: Key stakeholders may attend the Texas Computer Education Association and Texas Library Association conferences each year.</p> <p>LEA LRPT Correlates: EP06, LAS06, LAS13, TL11</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2013-2016</p>	<p>Coordinator of Instructional Technology</p>	<p>Event registration forms, purchase orders for registration, CPE certificates through Eduphoria Workshop</p>
<p>2.1.4: All teachers will receive training and web space to build classroom web pages in order to share lessons and establish regular online communications with parents.</p> <p>Comments: Annual training for returning teachers and initial training for new teachers.</p> <p>LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP08, EP09, I05, LAS06, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2013-2016</p>	<p>Coordinator of Instructional Technology and District Webmaster</p>	<p>Teacher web pages linked to the Sheldon ISD web site</p>

2.1.5:	Provide Summer Technology Academies for teachers, librarians, Instructional Technology Specialists, Career and Technology Teachers, and/or Administrators to help integrate the latest technology and best practices into existing curriculum. LEA LRPT Correlates: EP01, LAS01, LAS03, LAS06, LAS10, TL10, TL11	State: Original Status: Planned	2013-2016	Coordinator of Instructional Technology, Instructional Technology Specialist	Sign-in sheets, production evidence, CPE credits, certificates through Eduphoria workshop, and production evidence.
2.1.6:	Encourage educator participation in the Master Teacher Technology program. LEA LRPT Correlates: EP07	State: Original Status: Planned	2013-2016	Coordinator of Instructional Technology, Instructional Technology Specialists, Principals, Assistant Principals	SBEC certification records from TEA.

OBJECTIVE 2.2:

Sheldon ISD will provide opportunities for parents and community members to participate in technology-based training

Budget Amount \$30,000.00

LRPT category: Teaching and Learning

E-Rate Correlates:

NCLB Correlates: 09, 10

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.1: The Sheldon ISD website will provide a current calendar of technology training opportunities. LEA LRPT Correlates: LAS07, LAS09, TL15	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology	District website and Eduphoria Workshop schedule
2.2.2: The computer lab in the Ney Administration Building and the Network Operations Center computer lab will be available for community groups to use for technology training. LEA LRPT Correlates: I03, LAS07, LAS09, LAS11, TL15	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology	Sign-in sheets and calendar records from the secretary to the Assistant Superintendent of Instructional Services
2.2.3: Technology classes will be held for community members including those taking GED or ESL classes. Comments: This program is monitored through the Harris County Department of Education. Classes are held at EEE. LEA LRPT Correlates: I03,	State: Original Status: Planned	2013-2016	Director of Bilingual Education, Parent Involvement Liaison, and Coordinator of Instructional Technology	Enrollment Records, Sign-in sheets

LAS07, LAS11, LAS13, LAS15				
----------------------------	--	--	--	--

GOAL 3: Technology infrastructure will be in place to enable students to successfully integrate technology into all areas of the curriculum.

OBJECTIVE 3.1:
 SISD will increase district computing capacity for the classroom by continuing to implement a five-year replacement rotation cycle for campus computers and a four-year replacement cycle for servers.

Budget Amount \$9,000.00
LRPT category: Infrastructure for Technology

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

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1: Technology Services will complete an annual review of campus inventories LEA LRPT Correlates: I01, I04, I07, I09	State: Original Status: In Progress	2013-2016	Coordinator of Infrastructure/Technology	Updated inventory and purchase records
3.1.2: The Coordinators of Infrastructure/Technology and Instruction Technology will ensure best practices, total cost of ownership, and standardization when acquiring hardware for instructional purposes in order to meet instructional goals. LEA LRPT Correlates: I01, I04, I05, I06, I07, I08, I09	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology and Coordinator of Infrastructure/Technology	Annual inventory records

OBJECTIVE 3.2:
 Maintain network and Internet connectivity to support and enhance classroom learning in a safe and secure technological environment.

Budget Amount \$498,000.00
LRPT category: Infrastructure for Technology

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

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1: The district will continue to implement VoIP telephones at all district locations. LEA LRPT Correlates: I01, I02, I03, I06, I08	State: Original Status: In Progress	2013-2016	Coordinator of Infrastructure/Technology	Call Logs
3.2.2: Update video conferencing equipment and enhance the video conferencing capabilities where appropriate for instruction. Use video conferencing equipment where appropriate to provide	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology and Coordinator of Infrastructure/Technology	Logs of video conference usage through Region IV ESC

	announcements to campus classrooms. LEA LRPT Correlates: EP06, EP08, EP09, I01, I02, I03, I06, I08, I09, LAS15, TL09, TL10, TL12, TL13				
3.2.3:	Provide student log ins. Increase the network storage for staff and provide storage for students. LEA LRPT Correlates: I01, I02, I04, I05, I08, I09, TL08, TL09, TL12, TL13	State: Original Status: In Progress	2013-2016	Coordinator of Infrastructure/Technology	Equipment purchased and existing student log in
3.2.4:	Upgrade exchange server hardware. Upgrade server software. Increase mailbox size for employees. LEA LRPT Correlates: I05, I06, I09	State: Original Status: In Progress	2013-2016	Coordinator of Infrastructure/Technology	Reports on expanded mailbox capacities
3.2.5:	Upgrade the district network as needed to provide high-speed access for data and video in all locations and virtualize servers where applicable. LEA LRPT Correlates: I01, I02, I05, I06, I08, I09	State: Original Status: In Progress	2013-2016	Coordinator of Infrastructure/Technology	Random reviews of connectivity speed, work order reviews, upgrade proposals
3.2.6:	Support, increase the capability of, and upgrade campus-based security camera systems. Centralize live and playback functions to the NOC for security purposes. LEA LRPT Correlates: I01, I07	State: Original Status: In Progress	2013-2016	Coordinator of Infrastructure/Technology	Security logs and video tapes

OBJECTIVE 3.3:

Sheldon ISD will maintain and update a district website which will include community, staff, student, and parent resources.

Budget Amount \$42,000.00

LRPT category: Teaching and Learning

E-Rate Correlates:

NCLB Correlates: 09, 10, 11

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.3.1: The Sheldon ISD website will supply pertinent information to parents, staff, students, and community. LEA LRPT Correlates: I03, I06, I08, I09, LAS07, LAS09, LAS13, LAS15, TL08, TL09, TL10, TL13, TL15, TL16	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology, Directors and Coordinators, Campus Instructional Technology Specialists, and Teachers	Sheldon ISD web page

3.3.2:	Sheldon ISD will maintain the web page via an off-site web hosting service in order to communicate with staff and community when necessary. LEA LRPT Correlates: I03, LAS13, LAS14	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology	Off-site web hosting records, School Wires usage logs
--------	---	---	-----------	---	---

GOAL 4: Administrative and Instructional Services will endure transparent use of technology support in curriculum, instruction, and assessment.

OBJECTIVE 4.1:

SISD will support technology in the learning environment.

Budget Amount \$873,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 04b, 06, 11, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.1.1: Provide one technical support staff position for every three campuses. LEA LRPT Correlates: LAS02	State: Original Status: In Progress	2013-2016	Coordinator of Infrastructure/Technology	Records of interviews, hiring records, and payroll records
4.1.2: Support assistive technology as required by the Special Education Department. LEA LRPT Correlates: I05, I09, LAS05, TL07, TL08	State: Original Status: In Progress	2013-2016	Assistant Superintendent for Curriculum and Instruction, Director of Special Education Services, and Coordinator of Instructional Technology	Work order requests from Special Education and purchase orders
4.1.3: The Technology Department will pursue grants in order to support technology improvements. LEA LRPT Correlates: LAS02	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology and Coordinator of Grants and Compliance, and Curriculum Instructional Specialists	Grant submissions and funds from grants awarded
4.1.4: E-Rate Consultant will apply for E-Rate funding annually. LEA LRPT Correlates: LAS02, LAS03, LAS04	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology and Coordinator of Infrastructure/Technology	Submission of Forms 470, 471, 486, and E-Rate awards
4.1.5: Provide a portal for parents to track grades, attendance, and discipline for their children in a real-time online environment. LEA LRPT Correlates: LAS07, LAS09, LAS11	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology and Director of PEIMS Services	Parent Portal shortcut on district website, records from Skyward
4.1.6: Meet legal requirements for	State:	2013-	Coordinator of Instructional	Signed AUP for

	<p>technology use, AUP for personnel, students, teachers, school board members, and community members; Internet filtering in compliance with CIPA; Website usage in compliance with COPPA, SPAM filtering; virus protection.</p> <p>LEA LRPT Correlates: LAS02, LAS05, LAS07, LAS08, LAS09, TL14</p>	<p>Original</p> <p>Status: In Progress</p>	2016	Technology, Director of Personnel Services, and Coordinator of Infrastructure/Technology	every employee, school board member, and student. Logs and reports from Internet filtering SPAM control software, and/or box checked on every BYOD to access the SISD network.
4.1.7:	<p>100% of the teaching staff will complete the Teacher STaR chart each November per TEA requirements.</p> <p>LEA LRPT Correlates: EP05, LAS02, LAS03, LAS04</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Coordinator of Instructional Technology and Campus Instructional Technology Specialists	STaR Chart completion logs
4.1.8:	<p>100% of campus principals will complete the Campus STaR Chart each November per TEA requirements.</p> <p>LEA LRPT Correlates: EP05, LAS02, LAS03, LAS04</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Coordinator of Instructional Technology	STaR Chart completion logs
4.1.9:	<p>100% of campus principals will complete the campus NCLB Report through the STaR Chart website per TEA and NCLB requirements.</p> <p>LEA LRPT Correlates: EP05, LAS02, LAS03, LAS04</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Coordinator of Instructional Technology	STaR Chart completion logs
4.1.10:	<p>All campuses will collaborate with stakeholders to develop campus technology plans. These plans will be used as the foundation for the district technology committee to use in preparing the District Technology Plan and will be used to incorporate into library, campus, and district improvement plans.</p> <p>LEA LRPT Correlates: EP05, LAS01, LAS02, LAS04, LAS05, LAS07</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Coordinator of Instructional Technology	Campus Technology Plans submitted and District Technology Plan approved by the School Board

OBJECTIVE 4.2:

SISD will provide real-time support and training for all hardware and software programs throughout the district.

Budget Amount \$96,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02

NCLB Correlates: 02, 03, 05, 06, 12					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.2.1:	Provide real-time support and training for online district wide forms, PDAS and walk through management, staff development management, and help desk software. LEA LRPT Correlates: I05, LAS08	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology and Campus Instructional Technology Specialists	Software logs
4.2.2:	Support, upgrade when appropriate, and annually review the following programs that provide administrative capabilities across the district: District Online Application System, Library Automation, Food Service Automation, Finance, Student Services, Benchmark Testing, Intellikey, Visitor Security System, Transportation, Security Camera System, ID-Badge System, and Grade Reporting. LEA LRPT Correlates: LAS01, LAS02, LAS05, LAS08, LAS09, LAS10, LAS11, LAS13	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology, Coordinator of Infrastructure/Technology, Assistant Superintendents of Instructional Services and of Administrative Services	Reports from Software
4.2.3:	Provide the technology necessary to support online state testing. LEA LRPT Correlates: LAS08, LAS15	State: Original Status: In Progress	2013-2016	Coordinator of Instructional Technology and Coordinator of Infrastructure/Technology	State test scores from online testing sessions

Budget

Budget year 2013		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$17,000.00	Title II, Part D - 0% Local Funds - 100%
Telecommunications & Internet Access	\$209,000.00	E Rate (if approved) - 80% Local Funds - 20%
Materials & Supplies	\$112,500.00	Local Funds - \$100%
Equipment	\$69,000.00	Local Funds - 65% Bond Funds - 25% E Rate (if approved) - 10%

Maintenance	\$210,000.00	Local Funds - 100%
Miscellaneous Expenses	\$18,000.00	Local Funds - 100%
Total	\$635,500.00	

Budget year 2014

Budget item	Cost	Funding Sources with amount per source
Staff Development	\$21,000.00	Title II, Part D - 0% Local Funds - 100%
Telecommunications & Internet Access	\$234,000.00	Erate (if approved) - 80% Local Funds - 20%
Materials & Supplies	\$128,500.00	Local Funds - 100%
Equipment	\$83,000.00	Local Funds - 65% Bond Funds - 25% Erate (if approved) 10%
Maintenance	\$230,000.00	Local Funds - 100%
Miscellaneous Expenses	\$23,500.00	Local Funds - 100%
Total	\$720,000.00	

Budget year 2015

Budget item	Cost	Funding Sources with amount per source
Staff Development	\$25,000.00	Title II,Part D - 0% Local Funds - 100%
Telecommunications & Internet Access	\$259,000.00	Erate (if approved) 80% Local Funds - 20%
Materials & Supplies	\$145,000.00	Local Funds - 100%
Equipment	\$97,000.00	Local Funds - 65% Bond Funds - 25% Erate (if approved) - 10%
Maintenance	\$238,500.00	Local Funds 100%
Miscellaneous Expenses	\$29,000.00	Local Funds - 100%
Total	\$793,500.00	

Evaluation

Evaluation Process:

The process that will be used to monitor and document progress made in the implementation of this plan includes providing all technology planning team members, administrators, and principals throughout the district the opportunity to review the plan prior to submission. The plan will be integrated into campus and district improvement plans and will be part of the completed documents for the Board of Trustees approval. The Instructional Technology Coordinator is responsible for reviewing and presenting the plan to the team for evaluation, refining, and redirecting. Instructional evaluation will be completed using a variety of methods including observations, surveys, and documented walk-throughs by campus administrators. Teachers will be held accountable for the usage of technology in their classrooms using the PDAS instrument. All findings of evaluations will be distributed through reports to campus administrators, the Board, and technology planning committee members.

Evaluation Method:

*Integrating technology into curriculum and instruction and increasing the ability of teachers to teach.
The Sheldon ISD technology staff development program focuses mainly on the integration of technology into the

curriculum. Since 100% of the teachers completed the STaR chart for 2012-2013, the data provided from this measure is used to establish accountability methods for subsequent years. Teachers are advancing in their use of classroom technology and are expressing the need for more classroom technology. Teachers have expressed a desire for 24/7 access to professional development. This has caused a shift from the traditional form of technology staff development and has instead created a focus toward online learning. Teachers do value technology as a tool for learning and are expressing a need for more technology staff development opportunities. Data will be collected from each technology staff development whether face-to-face or online in order to monitor and adjust where appropriate the technology staff development opportunities provided for the staff. Each subsequent yearly STaR chart will serve as the major accountability measure from the previous year's technology staff development program.

*Enabling students to meet challenging state academic standards.

Data driven methodologies are being deployed using diagnostic and prescriptive assessment strategies including hand-held devices and Aware benchmark testing databases. The Aware benchmark testing software will allow teachers and administrators to make informed and timely decisions for each student individually regarding achievement. Staff development and support for Aware software will remain a district focus of high priority.

*Acquiring and deploying technologies and telecommunication services.

A district level team including the Assistant Superintendents, the Instructional Technology Coordinator, the Coordinator of Infrastructure/Technology and the Instructional Technology Specialists work together with campus principals to provide support for growth regarding hardware, software, and other technology needs.

Telecommunications services are determined by the team based on identified needs through network tools and software demands.

*Meeting time lines for implementation.

All time lines are on-going and overlapping. The Instructional Technology Coordinator and Coordinator of Infrastructure/Technology prioritize based on scope of work, instructional need, and maintenance requirements. Implementation continues to be monitored through meetings and examination of work-flow as recorded through technology requests. Technology requests include informal requests, phone support, service requests, and staff development requests.

SHELDON ISD does not discriminate on the basis of sex, disability, race, color, age, or national origin in its educational programs, activities, or employment as required by Title IX, Section 504 and Title VI.