

SEGUIN ISD Technology Plan

2013 - 2016

IRENE GARZA

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 13
City, State Zip SEGUIN, TX 78155
Phone (830) 372-5771
Fax (830) 379-0392
County District Number 094901

Number of Campuses	15
Total Student Enrollment	7443
District Size	5,000 - 9,999
Percent Econ. Disadvantaged	69.99%

Technology Expenditures	\$8,166,000.00
Technology budgets reported in plan by category	Teaching and Learning Budget \$3,585,000.00 Educator Preparation and Development Budget \$205,000.00 Leadership, Administration and Support Budget \$166,000.00 Infrastructure for Technology Budget \$4,210,000.00 Total: \$8,166,000.00
Technology Expenditure Per Pupil	\$1,097.14
Number of Campuses with Direct Connection to Internet	15
Percentage of Campuses with Direct Connection to Internet	100.00%
Number of Classrooms with Direct Connection to Internet	525
Percentage of Classrooms with Direct Connection to Internet	100.00%
Computer/Student Ratio	4 student(s) for every computer
Computer/Teacher Ratio	1 teacher(s) for every computer
Number of campuses that need to complete the Texas Campus STaR Chart	15

Percentage of campuses that have completed the Texas Campus STaR Chart	33.33 %
CIPA Compliance	CIPA compliance was certified by the district on 05/31/2012. The Board of Trustees or Governing Board for SEGUIN ISD held a public hearing on its Internet Safety Policy on November 21, 2011 and adopted its policy on May 22, 2012. The public hearing was publicized according to district or school policies and the adoption of the policy is reflected in the minutes of the board of trustees or governing board.

Plan Introduction

Plan Last Edited 05/15/2013

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

Does the district file E-Rate? yes

The district had a "written" plan on 01/30/2013 before E-Rate Form 470 was filed on 01/30/2013.

Technology Planning Committee

Pam Acker
Delores Avalos
Jamie Aven
Jerry Belmarez
Leonard Carter
Noah Castillo
Yvonne De La Rosa
Troy Depalermo
Lori Dodd
Dana Driggers
Merci Elizalde
Sharon Frels
Rebecca Galvan
Yolanda Garcia
Chris Grim
Sarah Hall
Kassie Hickey
Lucy Hill
Christy Holt
Mike Johnson
Anna Kelton
Ritchy Kerfoot
Melissa Koehler
Melina Leon
Bill Lewis
Terry Loehr
Sarai Lopez
Betty Mottz
Karen Nauert
Mike Rawn
Randy Rodgers
Melissa Ronning
Amanda Schumann
Mechille Schuler
Jaclyn Silvius
Michael Skinner
Nicolasa Spicer
Sandra Stout
Karen Sturm

Ross Terry
Stephanie Tower
Joyce Utley
Sharon Villalpando
Sandra Wehe
Brad Wehring
Janet Wolber

Executive Summary

The Department of Instructional Technology and Information Systems is responsible for overseeing the districts telecommunications services. These services include a local email service (FirstClass) for all faculty and staff and Internet access (Seguinnet) for the entire district's population. The department also supports the Distance Learning system (acquired through Region XIII) as well as the PBX, telephone and fax services throughout the district.

For hardware, the district is approximately 95% Macintosh workstations and 5% PC workstations at grade levels PK-6. At grade levels 7-8 the district is 80% Macintosh and 20% PC. In grade levels 9-12 the district is approximately 70% Macintosh and 30% PC. All campus staff has access to networked laser printers. All campuses have access to laptops for student and teacher use with a majority having wireless access. All classrooms have Internet access. Peripheral devices (digital scanners, digital cameras, digital camcorders, interactive white boards) are also located at all of the campuses. Some campuses have iPads and iPods for shared use.

For software, the district workstations run in the Macintosh OSX and Microsoft Windows (XP and Win 7) where applicable. Instructional staff and students utilize the Microsoft Office suite of applications in grades PK-12. Administratively, all personnel utilize the Microsoft Office suite. The standard Internet browser for Macintosh workstations is Firefox/Safari. The standard Internet browser for PC workstations is Internet Explorer. The district uses TEAMS comprehensive database program for the Gradebook, student data, attendance, and CIMS for financial data (but looking to adopt a new system soon for finance). For technology applications, the various campus configurations (PK, K-5,6, 7-8, 9-12) have additional applications to assist in the instruction of the technology application TEKS.

Along with telecommunication, hardware and software support, the Department of Instructional Technology and Information Systems provides support for all campus technologists and computer lab managers, as well as all Library Media Centers (to include library media specialists or library media aides). The department oversees all technology staff development. The staff development is setup to address new faculty members, campus technologists and computer lab managers, library media specialists and library aides, administrative support staff and webmasters. Additionally, the department coordinates a six-hour staff development session attended by all instructional and administrative staff.

The Seguin Independent School District serves approximately 7,440 students in grades PreK-12. The district's configuration is one PK campus, seven elementary schools (grades K-5th), one sixth grade center, two middle schools (grades 7-8th), one high school, one learning center, one discipline alternative school, and one juvenile detention center.

The district continues to use technology for administrative and instructional purposes. Functions such as payroll, financial reporting, grading, student records and attendance are performed on servers and a mainframe computer that is located at the central office. In Grades K-8, the teachers (directly and/or indirectly) teach the Texas Essential Knowledge and Skills for technology applications. In grades PK-12th, technology continues to be integrated throughout the curriculum and instructional program.

The district technology committee continues to meet yearly to update, revise and prioritize the district's Long Range Technology Plan. This plan is the road map that guides the district towards effectively utilizing technology. The Plan includes an introduction, a needs assessment, goals and objectives, budget and evaluation that mirror Texas Long Range Plan for Technology. The Technology Plan is in accordance with the Board of Trustees Priorities. The Board priority and related objectives are as follows:

"Integrate technology to create a relevant, rigorous and engaging learning culture and to improve communications between student, parents, teachers and the community.

- Develop and implement a technology rich staff development program based on district and campus needs assessments by providing staff with training and support necessary to utilize technology in their area of responsibility and provide online can campus based professional development.

- Maximize opportunities for student success by increasing the use of technology resources for learning in the 21st century. We will support online learning opportunities for students, monitor student proficiency, knowledge and application in information literacy, and develop protocols for creating equitable access through the use of personally owned or school provided technology.

- Provide infrastructure for network and wireless connectivity to support an increasingly rigorous curriculum. We will install,

test, and implement a wireless solution district wide. We will plan a BYOT program as well as develop a long term plan for technology in Seguin ISD.

Additional department goals are:

Maintaining a replacement schedule (hardware, software and infrastructure) to provide students with learning opportunities including web based/online learning that utilizes emerging technologies. (Infrastructure for Technology)

- Provide on-going professional development that targets the effective use of technology; integrates the appropriate technology to maximize learning and teaching; and involves/educates the school community on issues of technology integration throughout the curriculum. Results will be measured on the STAR Charts, PDAS evaluations and depth of technology projects. (Educator Preparation and Development)

- Educational leaders and teachers facilitate and support the use of technologies (to include web-based courses, online resources/courses, etc.) to enhance instructional methods that develop higher level thinking, differentiation, decision-making and problem solving skills. Results will be reflected on the STAR charts, PDAS evaluations, completion of technology-integrated projects, completion of Technology Applications course requirements and increased participation by teachers and students during the Annual Technology Fair. (Leadership, Administration and Instructional Support)

The district has a robust staff development plan in place that incorporates the use of technology throughout all curriculum areas. Yearly, staff members attend six-hours of technology staff development and additional hours in mini-sessions that are held throughout the year. The staff development plan contains district and campus sessions that address areas as per the Campus STaR Charts.

Seguin ISD's Library Media Centers continue to grow into technology hubs for the campuses. The role of the library as a media center has caused an expansion in the services and a revolution in the function of the center. The concept of the library media specialist as a key person in instruction has been re-defined. Currently, all of our K-12 schools are staffed with certified library media specialists.

Needs Assessment

Assessment Process:

The district technology committee meets annually to update and revise the district's Long Range Plan for Technology. The committee is charged with addressing the instructional and administrative goals and objectives of the district as well as the infrastructure needs. Once the goals and objectives are updated and revised, the next task of the committee is to identify and prioritize the hardware, software, staff development and infrastructure needs of the district.

From an instructional standpoint, the successful integration of technology into the curriculum drives the needs assessment for hardware and software. Recommendations are made to ensure that reliable, network-ready equipment is available at the campus. Replacement schedules are then updated and maintained to ensure adequate rotation of new equipment and planning for budgetary purposes. In terms of software, the committee ensures that applications found at the campus properly aid in addressing technology application TEKS. Content area specific software and software that addresses STAAR preparation are also considered and recommended. The committee receives reports/updates on the State Technology and Readiness chart assessments conducted throughout the district. Evaluations from technology staff development sessions conducted throughout the year and input from campus administrators, technologists, computer lab managers and library media specialists are used along with the STaR Chart to gauge and develop staff development for the upcoming year. The Executive Director for Instructional Technology and Information Systems works with the Network Specialist to see that the LAN/WAN of the district continues to support the hardware, software and Internet needs of the district.

The updated plan is taken to the board of Trustees for their approval and the Department of Instructional Technology and Information Systems then sets to work to implement the plan and acquire the necessary funds (local, grants, bonds) to work towards the stated goals and objectives.

Existing Conditions:

Current infrastructure conditions are as follows:

INFRASTRUCTURE

Fiber 100 MB connection district-wide
10/100/1000 MB to the desktop
Deeprines Internet filter and management

HARDWARE

Ratios: Administrators to computer ratio: 1:1
Teacher to computer ratio: 1:1
Student to computer ratio: 4:1
Workstation Standards-
Administrators: Dell Industry Standard
Teachers: Intel Macintosh
Student: Dell Industry Standard/Macintosh
Computers are placed according to campus needs

District-Wide

- Direct connection to the Internet via Time Warner 100mb and leased fiber lines
- District web servers in place providing district information
- Seguin ISD has developed a plan to promote and ensure the safe and responsible use of communications technologies within the district. This policy protects students from inappropriate content, protects against unauthorized use of the district's network, safeguards employee and student data and privacy, and ensures that SISD is in compliance with CIPA, the Children's Internet Protection Act. The Seguin ISD Internet Safety Policy was approved by the SISD School Board on May 22, 2012.

Elementary Campuses

- Direct connection to the Internet via WAN to every school
- At least 6 network drops in every classroom
- Dedicated desktop computer for each classroom teacher. Wireless Access.

- Campus websites containing elementary school information
- At least one computer projector device per classroom
- Ability to videoconference through Skype.
- All elementary schools have two networked computer labs
- Additional student-use mobile computer labs
- Mounted projector in every classroom
- Additional student-use computers in library
- Networked online card catalog, Internet access, subscription databases, and automated checkout in the library
- Additional technology equipment such as scanners, document cameras, digital cameras, CPS units, etc. in classrooms and/or available for teacher check-out

Middle School Campuses

- Direct connection to the Internet via WAN to every school
- At least 6 network drops in every classroom
- Dedicated desktop computer for each classroom teacher
- Campus websites containing middle school information
- Ability to videoconference through Skype.
- Fiber-backbone, Ethernet-to-the-desktop connected computer labs with file servers for curriculum software and class/student project. Wireless Access.
- Student-access computer labs on each campus
- Mounted projector in every classroom
- Additional student-use mobile computer labs
- Additional student-use computers in library
- Networked online card catalog, Internet access, subscription databases, and automated checkout in the library
- Additional technology equipment such as scanners, document cameras, digital cameras, CPS units, etc. in classrooms and/or available for teacher check-out

High School Campuses

- Direct connection to the Internet via WAN
- At least 6 network drops in every classroom
- Dedicated desktop computer for each classroom teacher
- Campus websites with high school information
- Ability to videoconference through Skype.
- Fiber-backbone, Ethernet-to-the-desktop connected computer labs with file servers for advanced technology classes. Some wireless access.
- Multiple student –use labs reserved for technology classes on each campus
- Additional student-use mobile computer labs
- Additional student-use computers in library
- Networked online card catalog, Internet access, subscription databases, and automated checkout in the library
- Instructional Technology Teachers are assigned to support students and staff
- Additional technology equipment such as scanners, document cameras, digital cameras, CPS units, etc. in classrooms and/or available for teacher check-out

Technology Needs:

Hardware

The Technology Committee meets annually to identify the instructional needs of the district for the next five years. The committee updates and revises the seven-year replacement schedule for hardware components. The hardware components that are newly acquired are matched with the instructional program to ensure effective use and reliability. Hardware components utilized as teacher work stations and computer lab student workstations must be able to manage the software applications that are needed to fulfill the technology application TEKS and the district approved STAAR/Content Area preparation course-ware. District level servers must support network based course-ware distribution, electronic communication, Internet communication and student/teacher file storage. SISD continues to plan for the state's 2020 goal of having one to one access for all students which will bring SISD to a TARGET TECH district as defined by the Texas STAAR Chart. With the current phase in of a BYOT program, as well as a possible one to one initiative, the district will select a hardware platform and management systems for the devices, to include additional wireless access points and licensing.

For the 2013-2016 academic years the District Technology Committee identified and prioritize the hardware needs.

Software

The Technology Committee meets annually to identify the instructional needs of the district. The committee updates and revises software needs for each campus and grade level configuration. The software components that are newly acquired are matched with the instructional program to ensure curriculum integration and administrative use. The assessment process has identified that the district must update/replace existing software. There is also a need, as identified by the STaR Chart results, to increase the availability of online instructional opportunities for students and teachers. In order to become a TARGET TECH district, SISD will continue to invest resources in creating and/or providing online instructional environments. With plans for a BYOT and possible One to One initiative to be phased in over several years, the district is reviewing needs for instructional materials to meet the needs of the yet to be determined grade levels.

For the 2013-2016 academic years the District Technology Committee identified and prioritize the software needs.

Staff Development

The assessment process has identified that the district must continue to develop and oversee technology staff development for staff members. All staff members are to participate in at least six hours of technology staff development annually. Results from the STaR Chart reveal that more emphasis be placed on the five SBEC technology requirements for teacher technology use. Staff Development will focus on district wide needs as well as provide specific direction on implementing a BYOT and 1:1 programs.

For the 2013-2016 academic years the District Technology Committee identified and prioritized the staff development needs.

Campus technologists and computer lab managers, along with library media specialists, will continue to participate in additional staff development sessions throughout the year to receive instruction on applications, network administration and technical troubleshooting. They assist campus faculty and students and ensure that technology is utilized as another tool towards student success. Additional sessions geared towards administrative support staff and campus webmasters are planned and implemented to assist and support these specific job duties.

Infrastructure

The Network Specialist, the Executive Director of Technology, and the Director of Digital Learning, together with the Technology Committee meet annually to identify the infrastructure needs for the next five years. The district keeps an accurate inventory of the equipment and replaces it on a scheduled basis. The need is determined by reviewing the work orders, age of the equipment, bandwidth, outages and observations. With the implementation of BYOT and possible 1:1 initiatives, additional bandwidth, wireless density, and device management will be required.

For the 2012-2013 academic year the District Technology Committee and Technology Department staff will identify and prioritize the infrastructure needs.

SISD completed a Vision and Directions Document in a community based effort to provide direction for the district in future planning. These directions will be incorporated in future plans. <http://www.seguin.k12.tx.us/default.aspx?name=2010Visioning.Home>

Goals, Objectives, and Strategies

GOAL 1: Seguin ISD will provide and promote technology resources and planning to enhance TEACHING AND LEARNING.

OBJECTIVE 1.1:

All learners have access to relevant technologies, tools, resources and services for individualized instruction 24 hours a day/7 days a week.

Budget Amount \$2,500,000.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 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:	Maintain Gr. PK-6 Technology Application direct instruction provided by campus technologists/computer lab managers via scheduled classes. LEA LRPT Correlates:	State: Original Status: Planned	Ongoing	Director of Digital Learning, Campus Administrators	Master Schedules
1.1.2:	Provide support for Gr. PK-12 Technology Applications and CTE Technology TEKS integration per curriculum projects/activities via campus technologists/computer lab managers, library media specialists, library media aides and district level support staff. LEA LRPT Correlates: TL01, TL03	State: Original Status: Planned	2013-2016	Campus Administrators, Bill Lewis, Randy Rodgers	Master Schedules, Staff Development Sign-In Sheets
1.1.3:	Offer and provide the Technology Applications and CTE Technology high school courses (Such as Computer Science, Digital Graphics/Animation, Desktop Publishing, Multimedia, Video Technology and Web Mastering etc.) LEA LRPT Correlates: TL02	State: Original Status: In Progress	2013-2016	9-12 Campus Administrators	Course Guide
1.1.4:	Maintain subscription for Gr. K-6 Technology Applications adopted instructional materials. Investigate resources for 7-8 grade tech apps classes. LEA LRPT Correlates: TL02, TL03	State: Original Status: In Progress	2013-2016	Bill Lewis	Subscriptions, Usage Verification
1.1.5:	Maintain and support classrooms technologies for staff and students (such as teacher stations, student computers, laptops, computer labs, mobile technologies, etc.) LEA LRPT Correlates: I09, TL09	State: Original Status: In Progress	2013-2016	Bill Lewis, Technology Department, Campus Technology Personnel.	Inventory, work orders,

1.1.6:	Maintain and support campus library media center technologies for grades PK-12. LEA LRPT Correlates: TL10	State: Original Status: In Progress	2013-2016	Bill Lewis, Randy Rodgers, Technology Department	Inventory, Scheduled Use, Work Orders, Program Compatibility
1.1.7:	Provide campus and district-level technical support staff for campus technology resources to ensure anytime/anywhere access to technology-based learning for all students. LEA LRPT Correlates: TL09	State: Original Status: Planned	2013-2016	Bill Lewis, Technology Department	Work Orders, Staffing Assignments
1.1.8:	Maintain and support library cataloging and circulation, online databases, digital books, Accelerated Reader, and technology resources that ensure libraries have technology and resources for student research and curriculum support. LEA LRPT Correlates: LAS05, TL10	State: Original Status: In Progress	2013-2016	Library Media Specialists, Chris Grimm, Randy Rodgers, Bill Lewis	LMS Agendas, Utilization Reports
1.1.9:	Utilize innovative strategies for the 24/7 delivery of ongoing professional development through the use of technology, including online and other distance learning and digital content services to meet the diverse and personal learning needs of all educators. LEA LRPT Correlates: EP08, TL13	State: Original Status: Planned	2013-2016	Bill Lewis, Randy Rodgers	Agenda Items, District Tech Committee, Tech Fair
1.1.10:	Provide yearly training/update on Seguinnet Rules and Regulations as well as the district internet safety policy/CIPA for teachers and student users. LEA LRPT Correlates: TL14	State: Original Status: In Progress	2013-2016	Bill Lewis, Randy Rodgers	Seguinnet, Sign in sheets, Signature sheets.

OBJECTIVE 1.2:

All learners use information and communication technologies to collaborate, construct knowledge and provide solutions to real-world problems and situations that are encountered.

Budget Amount \$75,000.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 04a, 07, 08, 11, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.2.1:	Utilize the District Technology Fair to monitor and document progress of integration of technology into curricula and instruction and to monitor and report student mastery of the Technology Applications TEKS in Gr. PK-12	State: Original Status: In Progress	2013-2016	Randy Rodgers	Tech Fair Projects

	LEA LRPT Correlates: TL06				
1.2.2:	Implement benchmarks to monitor and report student mastery of the Technology Applications TEKS. LEA LRPT Correlates: TL06	State: Original Status: Planned	2013-2016	Bill Lewis, Randy Rodgers	Assessment scores
1.2.3:	Identify and implement innovative technology resources that support the use of emerging technologies aligned with state standards for developing greater levels of collaboration, inquiry, analysis, creativity and content production via recommendations from the District Technology Committee, campus technologists/computer lab managers, library media specialists/library media aides, campus faculty/administration and district-level staff. LEA LRPT Correlates: LAS05, TL08	State: Original Status: In Progress	2013-2016	All Stakeholders	Implementation Plans, Lessons, Tech Fair
1.2.4:	Maintain library personnel (library media specialists and/or library media aides) for each campus. LEA LRPT Correlates: TL11	State: Original Status: In Progress	2013-2016	Campus Admin, HR Department, Bill Lewis	Campus Personnel
1.2.5:	Maintain and update district library policies aligned to state and national standards. LEA LRPT Correlates: TL11	State: Original Status: In Progress	2013-2016	Library Media Specialists, Bill Lewis	District Library Media Center Plan
1.2.6:	Create opportunities for elementary and middle school students to develop critical thinking skills through explorations of innovative technologies, including after-school and summer programs. LEA LRPT Correlates: TL05, TL08, TL12	State: Original Status: Planned	2013	Randy Rodgers, MAT CAMP Committee	After-school program web page/blog, summer tech camp showcase

OBJECTIVE 1.3:

All learners use research-based strategies in all subject areas to improve academic achievement.

Budget Amount \$10,000.00
LRPT category: Teaching and Learning

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

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.3.1:	Utilize digital diagnostic tools to monitor progress toward the mastery of instructional objectives. LEA LRPT Correlates: LAS08, TL04, TL07	State: Original Status: In Progress	2013-2016	Campus Administrators C&I Department Tech Department,	Data Analysis Reports, Diagnostic Reports

				Technology Department	
1.3.2:	Identify and implement research-based strategies to improve the academic achievement, including technology literacy, of all students. LEA LRPT Correlates: TL05	State: Original Status: Planned	2013-2016	C&I Department Tech Department Campus Administrators	Preview Session Sign-In Sheets Staff Development Sign-In Sheets Staff Development Agendas
1.3.3:	Integrate student performance data from district/state assessment instruments with electronic curriculum resources to inform and differentiate instruction for every child. LEA LRPT Correlates: TL07	State: Original Status: Planned	2013-2016	Campus Administrators C&I Department Tech Department	Data Analysis Reports Diagnostic Reports Reports Utilization Reports

OBJECTIVE 1.4:

All learners have the resources to communicate effectively in a variety of formats for diverse audiences.

Budget Amount \$1,000,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 03, 08, 09, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.4.1:	Ensure equitable access to technology and resources for all students. LEA LRPT Correlates: TL12	State: Original Status: Planned	2013-2016	Campus Administrators, Bill Lewis, Chris Grimm, Leonard Carter, Randy Rodgers	Tech Inventory, Tech Fair, student products
1.4.2:	Identify opportunities for the use of technology to promote student-centered learning across geographic and cultural boundaries that include business and industry.(Such as summer Project Based Learning courses) LEA LRPT Correlates: TL12	State: Original Status: Planned	2013-2016	Campus Administrators, Bill Lewis, C and I Department	Administrative Reports, course offerings
1.4.3:	Maintain and update district,campus, and teacher web pages Comments: See Appendix A for link to website LEA LRPT Correlates: TL15, TL16	State: Original Status: In Progress	2013-2016	Campus Webmasters Sean Hoffman Brad Wehring Bill Lewis	Campus/District Web Pages
1.4.4:	Collaborate with community and organizations that fund grants to provide technology resources. LEA LRPT Correlates: TL15	State: Original Status: Planned	2013-2016	Bill Lewis, Randy Rodgers, Katie Edwards	Grant applications and evaluation

<p>1.4.5:</p>	<p>Identify and implement additional innovative programs that promote parental involvement, increased communication with parents and community members, and community access to educational resources.</p> <p>LEA LRPT Correlates: TL15</p>	<p>State: Original</p> <p>Status: Planned</p>	<p>2013-2016</p>	<p>Campus Administrators, C&I Department, Tech Department</p>	<p>Administrative Reports</p>
<p>1.4.6:</p>	<p>Maintain and grow online course management system to deliver courses to students and teacher in Seguin ISD and potentially students that are not within the district boundaries.</p> <p>LEA LRPT Correlates: EP08, LAS15, TL09, TL13, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2013-2016</p>	<p>Bill Lewis Randy Rodgers Chris Grimm C and I Dept.</p>	<p>Courses development, completed courses in place, students in courses,</p>
<p>1.4.7:</p>	<p>Maintain online student grade/attendance access to parents. Increase the amount of information parents can access for their children online.</p> <p>LEA LRPT Correlates: LAS11, TL16</p>	<p>State: Original</p> <p>Status: In Progress</p>	<p>2013-2016</p>	<p>Brad Wehring Bill Lewis Chris Grimm</p>	<p>Utilization reports Web Access Reports Parent Surveys</p>

GOAL 2: Seguin ISD will provide and promote technology resources and planning to enhance EDUCATOR PREPARATION AND DEVELOPMENT.					
OBJECTIVE 2.1:					
<p>All educators participate in educator preparation programs (staff development) that model current technology in instructional and administrative practices PreK-12 and SBEC Technology Applications Standards I-V.</p> <p><i>Budget Amount \$200,000.00</i> <i>LRPT category: Educator Preparation and Development</i></p> <p>E-Rate Correlates: ER02 NCLB Correlates: 01, 02, 04a, 04b, 07, 11</p>					
<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>	
2.1.1: Technology COMP Day staff development (6 hours) for all district instructional and staff focusing on technology integration in the classroom LEA LRPT Correlates: EP01, EP02, EP04, LAS06	State: Original Status: In Progress	2013-2016	Bill Lewis, Randy Rodgers	Staff Development Sign-In Sheets Staff Development Agendas	
2.1.2: Identify and implement online and distance learning staff development opportunities for teaching and integrating Technology Applications into the TEKS for district staff. LEA LRPT Correlates: EP01	State: Original Status: Planned	2013-2016	Bill Lewis Randy Rodgers, Instructional Staff	Bill Lewis Randy rogers	
2.1.3: Provide information and promote participation in statewide, technology professional development opportunities (ESC, TCEA, Corporate Sponsored Trainings, Master Technology Teacher, etc.). LEA LRPT Correlates: EP06, EP07	State: Original Status: Planned	2013-2016	Bill Lewis Randy Rodgers	Agendas Memos Email Messages Certificated of Completion	
2.1.4: Identify/Provide funds for professional development registration and expenses. LEA LRPT Correlates: EP06	State: Original Status: In Progress	2013-2016	Bill Lewis	Purchase Orders	
2.1.5: Incorporate activities/lessons during scheduled professional development that addresses Technology Applications Educator Standards I-V. LEA LRPT Correlates: EP04	State: Original Status: Planned	2013-2016	Randy Rodgers Bill Lewis Campus Administrators	Agendas	
2.1.6: All instructional faculty will complete the Teacher STaR Chart. All campus principals will complete the Campus STaR Chart.	State: Original Status:	2013-2016	Bill Lewis, Randy Rodgers	Online STaR Chart Completion Status, Board Reports	

	LEA LRPT Correlates: EP05	Planned			
OBJECTIVE 2.2:					
All educators support learning environments that utilize technology as a flexible tool where learning is collaborative, interactive and customized for the individual learner.					
<i>Budget Amount \$5,000.00</i>					
<i>LRPT category: Educator Preparation and Development</i>					
E-Rate Correlates: ER01					
NCLB Correlates: 03, 04a, 07, 11					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.2.1:	Maintain campus technologist/computer lab managers and Library Media Specialists/Aides at all campuses. LEA LRPT Correlates: EP09	State: Original Status: Planned	2013-2016	Bill Lewis, Campus Administrators	Staffing
2.2.2:	Identify, implement and provide staff development on courseware/online subscriptions to support sound, data-driven decision-making. LEA LRPT Correlates: EP03	State: Original Status: Planned	2013-2016	C&I Department Tech Department	Utilization Reports, Eduphoria:Workshop
2.2.3:	Provide teachers with skills to implement teaching and learning with mobile devices in a BYOT or one to one environment. LEA LRPT Correlates: EP02, EP04, LAS03	State: Original Status: In Progress	2013-2016	Randy Rodger, Bill Lewis, C and I Departmetn	Agendas, Participation, Implementation matrix

GOAL 3: Seguin ISD will provide and promote technology resources and planning to enhance LEADERSHIP, ADMINISTRATION AND INSTRUCTIONAL SUPPORT.					
OBJECTIVE 3.1:					
<p>All leaders develop, implement, budget for and monitor a dynamic technology plan that align resources to improve student learning and support school operations.</p> <p><i>Budget Amount \$60,000.00</i> <i>LRPT category: Leadership, Administration and Support</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 01, 05, 06</p>					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	<p>Convene the District Technology Committee annually to review and update the district's technology plan. Technology Plan is updated/submitted in the Texas ePlan system annually.</p> <p>LEA LRPT Correlates: LAS01, LAS02, LAS04, LAS07</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Bill Lewis	Updated Plan in the ePlan system, Sign-In Sheets Meeting Agenda Items
3.1.2:	<p>Ensure campus and district improvement plans address identified needs and objectives of the district's technology plan.</p> <p>LEA LRPT Correlates: LAS01</p>	<p>State: Original</p> <p>Status: In Progress</p>	2013-2016	Bill Lewis, Randy Rodgers	District and Campus Improvement Plans
3.1.3:	<p>Identify budget and secure funding to support technologies identified in classroom, library, campus, and district planning efforts.</p> <p>LEA LRPT Correlates: LAS02</p>	<p>State: Original</p> <p>Status: Planned</p>	2013-2016	Bill Lewis	Budget
3.1.4:	<p>Allocate at least 30 percent of technology allotment budgeted for professional development.</p> <p>LEA LRPT Correlates: LAS06</p>	<p>State: Original</p> <p>Status: Planned</p>	2013-2016	Bill Lewis	Budgets
OBJECTIVE 3.2:					
<p>All leaders create innovative, flexible and responsive environments to maximize teaching and learning and community involvement.</p> <p><i>Budget Amount \$6,000.00</i> <i>LRPT category: Leadership, Administration and Support</i></p> <p>E-Rate Correlates: ER01, ER02 NCLB Correlates: 01, 03, 08, 09, 10</p>					

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Invite community members to participate in the annual District Technology Committee meetings. LEA LRPT Correlates: LAS07	State: Original Status: Planned	2010-2013	Bill Lewis	Sign in Sheets
3.2.2:	Conduct an annual Technology Fair to highlight technology initiatives throughout the district for parents and community members. LEA LRPT Correlates: LAS09, LAS10	State: Original Status: Planned	2013-2016	Randy Rodgers	Tech Fair Press Releases and Announcements
3.2.3:	Maintain online library resources for students and encourage use by families through promotional materials and training. LEA LRPT Correlates: LAS09, LAS11, LAS13	State: Original Status: In Progress	2013-2016	Campus Administrator, Bill Lewis, Library Media Specialists, Randy Rodgers	Utilization Reports, Student/Parent feedback
3.2.4:	Provide support for community adult education programs. LEA LRPT Correlates: LAS09, LAS13	State: Original Status: In Progress	2013-2016	Bill Lewis, Tech Department	Work Orders, Lab Usage, Teacher feedback
3.2.5:	Develop plan for community members to utilize district technology and library resources. LEA LRPT Correlates: LAS09, LAS13, LAS14	State: Original Status: Planned	2014-2016	Bill Lewis	Administrative Reports

OBJECTIVE 3.3:

All leaders provide opportunities for sustained, relevant and timely staff development in a variety of formats.

Budget Amount \$100,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER02

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.3.1:	Include professional development on the integration of technology in all classroom, library, campus, and district improvement plans. LEA LRPT Correlates: EP01, EP04, LAS02, LAS03	State: Original Status: Planned	2010-2013	Bill Lewis, Randy Rodgers	CIP, DIP
3.3.2:	Assess professional development needs via participant surveys, Teacher/Campus STaR Charts,	State: Original Status:	2013-2016	Bill Lewis, Randy Rodgers	Surveys Teacher/Campus STaR Charts Tech Integration

	<p>teacher evaluation, principals walk-through and Technology Integration reports.</p> <p>LEA LRPT Correlates: LAS03, LAS12</p>	Planned			Reports
3.3.3:	<p>Support digital principals by modeling the use of data, providing professional development and access to the tools needed to be the instructional leader on their campus</p> <p>LEA LRPT Correlates: LAS02, LAS08, LAS10</p>	<p>State: Original</p> <p>Status: Planned</p>	2013-2016	Bill Lewis	<p>Staff Development Agendas, Learning Walks, Principal Surveys, Campus Surveys.</p>

GOAL 4: Seguin ISD will provide and promote technology resources and planning to enhance the INFRASTRUCTURE FOR TECHNOLOGY					
OBJECTIVE 4.1:					
<p>All infrastructure systems will provide equitable access to all e-learning technologies through ubiquitous broadband resources for all users.</p> <p><i>Budget Amount \$2,500,000.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 02, 03, 05, 06</p>					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.1.1:	Update and maintain Internet connectivity and bandwidth up to 1gb to provide communications and services that ensure equitable access. Increasing bandwidth often to keep up with demand for online tools. LEA LRPT Correlates: I01, I06, I09	State: Original Status: Planned	2013-2016	Bill Lewis, Leonard Carter, Chris Grimm	Internet Connection, Service Contracts
4.1.2:	Update and maintain Internet content filtering resources to provide communications and services that ensure equitable access while meeting all CIPA requirements for students LEA LRPT Correlates: I09	State: Original Status: Planned	2013-2016	Bill Lewis Leonard Carter, Chris Grimm	Hardware Components Utilization/Report Logs
4.1.3:	Update and maintain LAN/WAN router and switch resources to provide communications and services that ensure equitable access. LEA LRPT Correlates:	State: Original Status: In Progress	2013-2014	Bill Lewis, Leonard Carter, Chris Grimm,	Hardware Components Utilization/Configuration Logs
4.1.4:	Update and maintain server resources to provide communications and services that ensure equitable access. LEA LRPT Correlates: I01	State: Original Status: Planned	2013-2016	Bill Lewis Leonard Carter Chris Grimm Mike Rawn	Hardware Components Utilization/Configuration Logs
4.1.5:	Update and maintain telephone, paging and cellular phone service resources to provide communications and services that ensure equitable access. LEA LRPT Correlates: I01, I08	State: Original Status: Planned	2013-2016	Bill Lewis Business Department	Hardware Components Billing Statements

4.1.6:	Update and maintain phone hardware and software resources to provide communications and services that ensure equitable access. LEA LRPT Correlates: I01	State: Original Status: In Progress	2013=2016	Bill Lewis Chris Grimm Business Department	Hardware Components
4.1.7:	Update and maintain additional resources (to include but not limited to racks, UPS, switch modules, direct inward dialing, KVMs, maintenance/technical support contracts, SMARTNet, etc.) of technology and telecommunications infrastructure items that provide communications and services that ensure equitable access. LEA LRPT Correlates: I01, I05, I07	State: Original Status: Planned	2013-2016	Bill Lewis, Chris Grimm, Leonard Carter	Hardware Components Support Contracts
4.1.8:	Continually review and modify (as needed) technology and telecommunications infrastructure design for communications and services to ensure equitable access LEA LRPT Correlates: I01	State: Original Status: Planned	2013-2016	Bill Lewis, Leonard Carter, Chris Grimm, Mike Rawn	LAN/WAN Design Diagrams and Reports
4.1.9:	Identify and implement opportunities that develop innovative funding and collaboration strategies (grants, partnerships, etc.) with both public and private sectors to ensure all students have equitable and anytime, anywhere access to broadband communications. LEA LRPT Correlates: I02	State: Original Status: Planned	2013-2016	Bill Lewis	Grant Applications, Funding Commitments
4.1.10:	Update and maintain technology resources district-wide to ensure on-demand access to technology in a variety of environments for all students and staff. LEA LRPT Correlates: I03, I05	State: Original Status: In Progress	2013-2016	Technology Department	Inventory, Campus Reports, work orders
4.1.11:	Continue collaboration with other departments to meet accessibility requirements for special needs students and staff. LEA LRPT Correlates: I05	State: Original Status: In Progress	2013-2016	Bill Lewis	IEP's, Hardware/software components. Hardware/software configuration logs.
4.1.12:	Continue to collaborate with C and I to meet accessibility requirements for Bilingual/ESL students.	State: Original	2013-2016	Bill Lewis	Hardware/software components. Hardware/software

	LEA LRPT Correlates: I05	Status: Planned			configuration logs.
4.1.13:	Maintain and update district/campus web pages to ensure communications with parents and community members, including year-round access to school news, educational resources and personnel. LEA LRPT Correlates: I08	State: Original Status: Planned	Ongoing	Campus Webmasters, Bill Lewis, Sean Hoffmann, Brad Wehring	District/Campus Web Pages
4.1.14:	Develop and Maintain electronic information (web pages) and communication (email/mass messenger) by teachers to parents. LEA LRPT Correlates: I08	State: Original Status: In Progress	2013-2016	Bill Lewis Brad Wehring Technology Department	Teacher Web Pages Teacher Email Accounts
4.1.15:	Identify and implement additional digital instructional tools that meet interoperability and data accessibility standards for instruction. LEA LRPT Correlates: I09	State: Original Status: In Progress	2013-2016	Bill Lewis, District Technology Committee	implementation Plans, Staff and student products

OBJECTIVE 4.2:

All infrastructure systems will be maintained to support teaching and learning.

Budget Amount \$310,000.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03, 06, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.1: Maintain program directors, hardware/software technicians, network specialist, webmaster, technology aides, and district technologists to provide just-in-time technical assistance to support teaching and learning. LEA LRPT Correlates: I05	State: Original Status: In Progress	2013-2016	Bill Lewis	Personnel Inventory
4.2.2: Provide staff development for campus and district technology staff as well as all users on technical troubleshooting and support. LEA LRPT Correlates: I01	State: Original Status: Planned	2013-2016	Bill Lewis and Technology Department	Staff Certifications, agendas form TC meetings, work order completion of tasks

4.2.3:	Maintain software and hardware maintenance support contracts to provide for the up-keep of district technology resources. LEA LRPT Correlates: I01, I05	State: Original Status: Planned	2013-2016	Bill Lewis Mechille Schuler Chris Grimm Leonard Carter	Purchase orders, Contracted Services list
4.2.4:	Maintain software and hardware resources (operating systems, TEAMS, user logins, workstations, etc.) to ensure all data is secure. LEA LRPT Correlates: I01	State: Original Status: In Progress	2013-2016	Bill Lewis	Hardware Components User Assignments Utilization/Update Logs, Data reports
4.2.5:	Install and maintain a wireless infrastructure to meet the increasing depends placed on the network due to the addition of personal devices and/or more district provided devices. LEA LRPT Correlates: I01, I04	State: Original Status: Planned	2013-2016	Bill Lewis, Leonard Carter, Chris Grimm	Hardware Components

OBJECTIVE 4.3:

All infrastructure systems will provide measures to ensure all data is secure and accurate.

Budget Amount \$200,000.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 11, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.3.1:	Maintain software and hardware resources (operating systems, TEAMS, user logins, workstations, etc.) to ensure all data is secure and accurate. LEA LRPT Correlates: I01	State: Original Status: Planned	2013-2016	Bill Lewis, Technology Department	Inventory, User Assignments
4.3.2:	Maintain LAN/WAN infrastructure (SSL certificates, firewalls, etc.) to ensure all data is secure LEA LRPT Correlates: I01	State: Original Status: Planned	2013-2016	Chris Grimm Leonard Carter	Hardware Components Utilization/Update Logs, Purchase Orders
4.3.3:	Ensure all student and personnel data (TEAMS, PEIMS, etc.) is secure and accurate as verified by district and campus level personnel (HR, Business, C&I, Technology, Campus Administrators, Campus Attendance Personnel, etc.). LEA LRPT Correlates: I01	State: Original Status: In Progress	2013-2016	Bill Lewis, Yolanda Garcia	Administrative and Personnel Data Review PEIMS verification, Campus audits

<p>OBJECTIVE 4.4:</p> <p>District technologies and systems will provide accessibility to appropriate resources for staff and students.</p> <p><i>Budget Amount \$1,200,000.00</i></p> <p><i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: ER01</p> <p>NCLB Correlates: 03, 12</p>					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.4.1:	Update/Revise the seven-year hardware replacement schedule annually. LEA LRPT Correlates: I04, I07	State: Original Status: In Progress	2013-2016	Bill Lewis, Technology Department	Replacement Schedule
4.4.2:	Collaborate with district personnel (superintendent & business office) to seek funding to achieve and maintain a personal computing device ratio of 1:1 for both students and professional educators. LEA LRPT Correlates: I04	State: Original Status: Planned	2013-2016	Technology Department Business Department Superintendent's Office	Funding Applications, Hardware Components
4.4.3:	Plan and implement printers, fax machines, video surveillance and phone messaging systems as needed. LEA LRPT Correlates: I01	State: Original Status: Planned	2013-2016	Technology Department	Work Orders, PO's, planning documents

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: \$0.00

Method of application for formula funds:

Budget year 2013		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$150,000.00	100% local
Telecommunications & Internet Access	\$200,000.00	100% local
Materials & Supplies	\$200,000.00	100% local
Equipment	\$1,300,000.00	100% local
Maintenance	\$100,000.00	100% local
Miscellaneous Expenses	\$175,000.00	100% local
Total	\$2,125,000.00	

Budget year 2014		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$155,000.00	100% local
Telecommunications & Internet Access	\$200,000.00	100% local
Materials & Supplies	\$250,000.00	100% local
Equipment	\$2,100,000.00	100% local
Maintenance	\$100,000.00	100% local
Miscellaneous Expenses	\$175,000.00	100% local
Total	\$2,980,000.00	

Budget year 2015		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$161,000.00	100% local
Telecommunications & Internet Access	\$150,000.00	100% local
Materials & Supplies	\$250,000.00	100% local
Equipment	\$2,200,000.00	100% local
Maintenance	\$100,000.00	100% local
Miscellaneous Expenses	\$200,000.00	100% local
Total	\$3,061,000.00	

Evaluation

Evaluation Process:

The purpose of the evaluation design is to assess the effectiveness of the goals and objectives and related strategies and activities. The evaluation design will encompass both process and product evaluation in which both qualitative and quantitative data will be examined. Formative and summative evaluation will be conducted.

The evaluation will be conducted at the campus level via the Academic Support Team (Campus Administrator, Campus Technology Personnel, Library Media Specialists, Instructional Specialists, etc.); at the district level via the District Educational Improvement Council and the District's Technology Committee; and at the Board of Trustees level via an Annual Evaluation Report from the Superintendent.

The Assistant Superintendent for Information Systems and Instructional Technology is responsible for the evaluation of the plan. Once the yearly evaluation is conducted, the Assistant Superintendent disseminates the information to the campus Principals and Central Office Department Heads. The Principals and Central Office Department Heads review and solicit input from the stakeholders for future implementation.

Process evaluation will be based in part on written activity/progress reports submitted to the Academic Support Teams, to the District Educational Improvement Council, to the District's Technology Committee, to the Superintendent and to the Board of Trustees. The degree of planning, implementation and evaluation of the plan will be obtained formatively from school and central office staff through coordination meetings held monthly with the Academic Support Team and Administrative Team. The quality, type and degree of participatory involvement practiced by the Assistant Superintendent, Principal, and Technology Director will be evidenced by attendance at Academic Support Team meetings, classroom observations with documented walk-through notes, and student interviews. The participatory involvement practiced by those staff members will be evidenced by attendance at district meetings, coordination meetings, Academic Support Team meetings, student interviews, and professional development activities relevant to program goals and objectives.

The quality of professional development activities will be assessed through workshop evaluation forms, and the degree of implementation in the classroom as evidenced through observation and teacher lesson plans. The quality and level of the written curriculum, delivered curriculum and classroom instruction will be assessed through the use of the integration of technology into the curriculum, student performance data, classroom observation and student/staff survey (STaR Charts). The strengths and weaknesses of the plan, implementation and evaluation will be formatively reviewed by the Assistant Superintendent for Information Systems and Instructional Technology and the Campus Academic Support Team through a review of all existing data. Student's progress will be reviewed individually by observation and test scores.

Evaluation data to be reviewed will include the computer use log, technology integration reports, TAKS tests and course grades.

Evaluation Method:

Provide and promote technology resources and planning to enhance TEACHING AND LEARNING.

- Review of Teacher Lesson Plans.
- Observations and walk-through by Campus Principals.
- Central Office Campus Visits and Observations.
- Student work--projects, portfolios and research.
- Aligned district curriculum to the state curriculum.
- Use of hardware and software for remediation, research and higher-order thinking skills.
- Assessment scores.
- Improved course grades.
- Low dropout rates.
- Increased student attendance.

Provide and promote technology resources and planning to enhance EDUCATOR PREPARATION AND DEVELOPMENT.

- Use Self-Assessment surveys where teachers' obtain perceptions of their own skill level.
- Reflective practice that inform instruction; professional growth and link to student achievement.
- Technology Staff Development (Skills and integration).
- Formative and summative evaluations.
- Professional Portfolio.

- Increased proficiency level as evidenced in the StaR Chart.

Provide and promote technology resources and planning to enhance LEADERSHIP, ADMINISTRATION AND INSTRUCTIONAL SUPPORT.

- Update and revise a calendar with timelines and implementation schedules.
- Incorporate ongoing technology planning in classroom, library, campus and district improvement plans.

Provide and promote technology resources and planning to enhance the INFRASTRUCTURE FOR TECHNOLOGY.

- Plan and devise a replacement schedule for current technologies.
- Budget (campus and district) to fund the replacement schedule.
- Budget for telecommunications services.
- Research emerging technologies and recommend those that are need to meet the plan.
- Budget for the emerging technologies.

Appendix

Attachment item A:

New design to the district web site to include better access to information for the community. Improvements are continuously being made by a newly hired web master and the district public information officer.

- Web site: <http://www.seguinisd.net>

Attachment item B:

Link for parents to self register to create an account to access their child's attendance and grades online.

- Web site: <http://www.seguinisd.net>

Attachment item C:

Anyone can follow Seguin ISD on Facebook and Twitter

- Web site: <http://www.seguinisd.net>

SEGUIN 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.