

**GAUSE ISD Technology Plan for E-Rate Year 17**  
2014 - 2015

Perry Bell  
SUPERINTENDENT

**DISTRICT PROFILE**

ESC Region: 6  
City, State Zip: GAUSE, TX 778570038  
Phone: (979) 279-5891  
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Number of Campuses: 1  
Total Student Enrollment: 195  
District Size: Under 500  
Percent Econ. Disadvantaged: 69.00%

Technology Expenditures: \$134,157.00  
- Teaching and Learning Budget: \$9,300.00  
- Educator Preparation and Development Budget: \$9,500.00  
- Leadership, Administration and Support Budget: \$15,950.00  
- Infrastructure for Technology Budget: \$99,407.00

Technology Expenditure Per Pupil: \$687.98  
Number of Campuses with High-Speed Broadband Internet Access: 1  
Percentage of Campuses with High-Speed Broadband Internet Access: 100.00%  
Number of Classrooms with High-Speed Broadband Internet Access: 18  
Percentage of Classrooms with High-Speed Broadband Internet Access: 100.00%  
Computer/Student Ratio: 2 student(s) for every computer  
Computer/Teacher Ratio: 1 teacher(s) for every computer  
Number of campuses that need to complete the Texas Campus STaR Chart: 1  
Percentage of campuses that have completed the Texas Campus STaR Chart: 100.00 %

**PLAN INTRODUCTION**

Plan Last Edited: 06/18/2013

Technology Planning Committee:  
Perry Bell, Principal/Superintendent  
Wynell Meeks, Technology Coordinator  
Diane Lazrine, Business Manager  
Elizabeth Miller, 6-8 Teacher  
Mary Carol Garrison, SpEd Teacher  
Kari Thompson, Pk - 2 Teacher  
Melissa Treece, 3-5 Teacher  
Wanda Coats, Business  
Mary Nell Neely, Community  
Debbie Todd, Parent  
Tiffany Corn, Parent

**EXECUTIVE SUMMARY**

Gause Independent School District has prepared this 2014-2015 Long-Range Technology Plan to articulate a common vision for technology in the district and identify the strategies that will help us use advanced technology to improve academic achievement, including technology literacy, of all students. This commitment includes providing access to high quality technologies for teaching, learning, and district and campus operations; providing high quality professional development to promote learner-centered approaches to technology integration ensuring a safe and healthy technology environment; and using technology to promote highly effective communication and collaboration with students, staff, parents, and the community.

The Long Range Plan for Technology of the Texas State Board for Education "plots the course for meeting educational needs through technology and for implementing changes in education. Both technology and the field of

education are fluid; applying advances in the former to the practice of the latter we can achieve a vision of education that has been yet unattainable".

Attaining this vision requires effort on the part of educators to keep up with technology and to guide the development of technology to best meet educational goals. Educators must have opportunities to understand that the use of technology does not replace the "basics" but rather enhancing instruction, which makes this knowledge all the more critical and powerful.

Gause ISD revisited our District Mission and Motto on August 2011:

It is our mission to educate each child to be capable to face the future with the ability to be successful in all aspects of life; academically, culturally, emotionally, morally, and physically. All students will succeed by learning to own their own learning and cultivate their curiosity. Each child will feel a sense of belonging, confidence, and safety. Students will develop their talents, be held to high learning standards, and be prepared for life.

Motto: Expect Success...Nothing Less

To better prepare our students for life, the application of technology benefits every subject area. A fundamental aspect of this plan is a continuation of teacher development, matching infrastructure to current and future needs, and accountability to cross curriculum integration. This plan encourages coordination across all education programs for learners. The ideas in this plan help to ensure equitable access by all students to the technology infrastructure and to the learning resources.

In recognizing the ever changing influences of technology in all aspects of our lives, the Gause Independent School District is committed to providing every student with technology related instruction.

The educational process can be supported by the use of technology as both the object of instruction as a tool for learning without replacing the role and expertise of the teacher. Technology is a necessary tool for instructional delivery at all ability levels throughout the curricular areas in order to maximize communication and thinking skills. All students must be able to function effectively in an increasingly technological society. Students will understand the ways in which technology is permeating all aspects of society and will be able to meaningfully apply this acquired knowledge as well as have working knowledge of current software.

## **NEEDS ASSESSMENT**

**Assessment Process:** A comprehensive needs assessment utilizing teacher input, interviews, the 2011-12 AEIS report, the 2012-13 STAAR Summary Reports, and district improvement plans, Region VI (Robert Wyatt - Comnet & infrastructure needs), TFE Networking and Server Support, David Beaty, Region VI (Technology Integration Readiness Instrument - TIRI - for technology integration), and the Texas STAR chart was conducted to analyze the current status of technology in the district and determine future needs. The TIRI is used to identify teacher's levels of integration and who is ready for integration. Items analyzed include: infrastructure, hardware, programs, technology resources, staff development, and technical support.

### **Existing Conditions:**

The district is currently experiencing an increased usage of technology by both teachers and students; according to the Texas STAR Chart, the district is at the Developing Technology Level in the area of Teacher Preparation, and Development. During our weekly staff development, we are utilizing our staff to bring their new ideas to the other teachers in technology web 2.0 integration. Teachers are assigned times throughout the year on new technology integration tools they use in the classroom during our staff development. The district utilizes a variety of software programs (ex. Google, IStation, Think Through Math, English in a Flash, Discovery Education (United Streaming), PBS Kids, Keyboarding Zoo, and freetypinggame, starfall, etc) which include curriculum-specific software packages for all of the core areas as well as technology tools, webbing, and multimedia programs. These software programs are included within the state adopted textbooks. Some of the software programs enhance the technology in use such as the interactive whiteboard media. We are also utilizing many Web 2.0 tools to enhance instruction. All district staff members have Internet access with e-mail. Teachers are no longer confined to the four walls (they can take their students on electronic field trips to sites around the world). E-mail is allowing teachers to communicate with other classrooms within the district and other parts of the world. The principal also utilizes e-mail extensively to increase communication within the district. Each teacher has been issued a laptop in order to integrate school and home. Students have access to the Internet for research and other learning activities. An Acceptable Use Policy (AUP) is required for all student members and faculty who access the Internet from within the district. An updated CIPA compliant Technology Acceptable Use Policy was approved by the Board July 2012. Additionally, teachers are incorporating more technology into lesson plans by using programs such as video access through Discovery Education, formerly United Streaming, Accelerated Reading and Math, and DMAC. 100% of our faculty have white

interactive boards to enhance instruction. Telecommunications Services All students and staff members in the school district have access to the Internet either through a direct connection (cited below in the Current Situation). LANs are in place on every campus. More than 165 teacher/student/library and COW (curriculum on wheels) computers are currently utilized across the network. The district uses ESC 6 connectivity through WiMax Wireless Connectivity, a Cisco 3560 Router, five servers (Lightspeed, Destiny Library, active directory, and file storage), four Cisco Ethernet Switching systems to run the central and distributed systems in the district in addition to a Cisco ASA 5510 Firewall. We have two APC Smart-UPS battery backups. Current Conditions The following technology is currently in place district-wide: -Direct connection to the Internet via WiMax Wireless connectivity. -District web site in place providing district information. -Written policies in place on acceptable use of the Internet, World Wide Web content, network management. - Bring Your Own Device (BYOD) environment. -The district utilizes DMAC for State STAAR results, progress monitoring and benchmark data assimilation. -Accelerated Reader and Math Program, Math Facts in a Flash, English in a Flash, Star Reading and Math, and Star Early Literacy are utilized for Response to Intervention (RTI) support which includes assessments and instructional support for struggling students. -100% of classrooms have a computer projector device with most of them mounted into ceilings, and interactive whiteboard technology. - One mobile presentation station is available for teacher use. -The district has two networked computer labs maintained by a certified professional teacher. -One of the wireless computer chromebook labs available to the Junior High teachers and students to utilize as needed. A second COW is available with 15 Acer laptops available upon request. -Additional technology equipment such as digital cameras,scanners,and video equipment, etc. are available to every class. - Utilization of a Opscan 4U scanner for reading of student answer sheets for progress monitoring and benchmarks. - Updated computers in Elementary lab and JH lab. - Network monitoring software and virus protection software (Bottle Rocket) - iTalk software is utilized to monitor computer activity in "real time" by the technology director. - Google Apps platform is used for all email, calendar, chats, contacts, drive/docs, and mobile. -Parents have access to student and district information through a parent portal on our website and a district information link on our website.

### **Technology Needs:**

Findings from this needs analysis are as follows: -

1. Provide additional opportunities through Staff Development classes and teacher technologist training that enable teachers to learn how to integrate technology into their curriculum in a BYOD environment.
2. Provide additional opportunities through Staff Development classes and teacher technologist training that model project-based activities or collaborative learning across the curriculum in a BYOD environment.
3. Provide additional classroom technology such as updated classroom computers, teacher laptops, tablets or Ipads for teacher use, cameras, and video equipment.
4. Continue infrastructure maintenance/lease agreement of network hardware and telecommunications system, and WiMax internet connectivity.
5. Continue to upgrade computers to current industry/technology standards.
6. Seek additional technology opportunities for school and community.
7. In light of the shootings in Sandy Hook Elementary School, safety has become a major initiative. Increased video camera hardware is needed in more locations, and "mag-lock" technology needs to be tied in with the new fire alarm system for immediate lock downs. Video and entry buzzer systems will be installed in campus entry ways, which will require additional hardware. Video software will be installed on Milam County Sheriff Dispatchers office computer for emergency situations.
8. Servers are needed for updating the older equipment and additional storage.
9. Additional switches are needed to update old out of date equipment.
10. Additional drops are needed to keep up with our growing campus.

Our goal is "Unified Communications" where technology is anywhere/ anytime utilizing wireless technologies, cell phones and "BYOD" bring-your-own-device opportunities. - With a BYOD philosophy, the district will continue to review and modify our acceptable use policies. -Continue enhancing distance learning to the district for teacher, administration, and Board of Trustee use. -Continue to implement web-based curriculum and phase out paper curriculum

### **GOALS, OBJECTIVES, AND STRATEGIES**

**Goal 1: Teaching and Learning -- Utilize technology as a tool to foster improvement in academic achievement, curriculum integration, and increased accessibility and innovation.**

**Objective 1.1:** The district will strive to have 100% of students achieve technology proficiency and academic success.

Budget for this objective: \$2,300.00

LRPT Category: Teaching and Learning  
E-Rate Correlates: ER01  
NCLB Correlates: 01 02 04a 07 11 12

**Strategy 1.1.1:** Provide integrated subject lessons with teachers being trained in the development of Technology Enriched Performance Indicators (TEPIs) based on the rigor and curriculum outcome of the TEKS.

State: Revised

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Superintendent and Technology Director, Classroom Teachers

Evidence: Online Lesson Plans

Comments:

LRPT Correlates: EP01, EP02, EP03, EP06, EP08, LAS01, LAS02, LAS08, LAS12, TL05, TL06, TL08, TL09

**Strategy 1.1.2:** Continue enhancing benchmark assessments for PreK-2, continue assessments for 3-8.

State: Original

Status: Planned

Timeline: Ongoing 2009 and beyond

Person(s) Responsible: Instructional Technologists, Classroom Teachers

Evidence: Random sample of results. Teacher meetings with principal.

Comments:

LRPT Correlates: TL04, TL06, TL07, TL10, TL11, TL13

**Strategy 1.1.3:** Use software such as DMAC, Accelerated Reading and Math, Star Testing, and STAAR One to analyze strengths and weaknesses of student success as related to TEKS integration into all lessons and TAKS preparation.

State: Revised

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Campus Teachers, Instructional Technologists, Curriculum Coordinators, Principal

Evidence: Test results and statistics of software use.

Comments:

LRPT Correlates: TL01, TL03, TL04, TL05, TL06, TL08, TL10, TL11, TL12, TL14, TL15

**Strategy 1.1.4:** Use of the Technology Applications adopted instructional materials at all grade levels. TEKS-based learning focusing on keyboarding for Grades K-3, Office Applications for Grades 4-5, and Prentice Hall Technology Applications for Grades 6-8

State: Original

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Technology Instructor

Evidence: Usage documentation, walkthroughs, and teacher lesson plans

Comments:

LRPT Correlates: LAS10, TL01, TL03, TL08

**Strategy 1.1.5:** Use software included in Houghton Mifflin ELA materials and Cursive writing software to strengthen student writing scores at intermediate grade levels and junior high. Integrate software included Science and Math Curriculum enhance student learning. Integrate whiteboard Notebook tools to enhance learning in all content areas. Integrate united streaming to enhance social studies.

State: Revised

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Instructional Technologists, Classroom Teachers

Evidence: Student progress, software student results and statistics of software use, teacher lesson plans

Comments:

LRPT Correlates: EP01, EP02, EP03, EP05, EP08, LAS01, LAS06, LAS10, TL03, TL04, TL05, TL06, TL07, TL09, TL12, TL14, TL16

**Objective 1.2:** 100% of schools will integrate technology skills into all subject areas/curricula.

Budget for this objective: \$2,125.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates:

NCLB Correlates: 01 02 04a 07 11

**Strategy 1.2.1:** Provide technology integrated lessons that teachers can use and host training sessions that focus on technology integration into the curriculum. Technology Enriched Performance Indicators TEPIs will be developed based on the rigor and curriculum outcome of the TEKS.

State: Revised

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Instructional Technology Department, Classroom Teachers

Evidence: Lesson Plans

Comments:

LRPT Correlates: EP01, EP04, EP05, EP08, LAS01, LAS02, LAS03, TL01, TL05, TL06, TL08, TL09, TL16

**Strategy 1.2.2:** Technology integration will be a part of the Campus Improvement Plans as well as District Technology Plans as identified by site-based recommendations of DEIC members.

State: Revised

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Campus Technology Coordinator, Technology Committee, and District Education Improvement Committee (DEIC)

Evidence: Campus Improvement Plans, District Technology Plans

Comments:

LRPT Correlates: EP01, EP04, EP05, EP06, LAS02, LAS03, LAS04, LAS05, LAS09

**Objective 1.3:** Increased accessibility and innovation

Budget for this objective: \$7,000.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 02 03 04a 08

**Strategy 1.3.1:** Increase student and faculty accessibility by implementing a "Bring Your Own Device" environment where Web 2.0 tools are utilized for storage and software use. Google will be utilized for collaboration (email & calendar) and document creation. Edumoto will be utilized for collaboration.

State: Original

Status: Planned

Timeline: Ongoing

Person(s) Responsible: Superintendent and Technology Director will provide Professional Development

Evidence: PD reports and usage reports, new Acceptable Use Policy for BYOD environment

Comments:

LRPT Correlates: EP01, EP08, I02, I03, I04, I05, I06, I07, I08, I09, LAS02, LAS03, LAS09, LAS10, TL04, TL05, TL06, TL08, TL09, TL12, TL14, TL15, TL16

**Strategy 1.3.2:** Provide adaptive hardware and software to serve needs of a diverse student population

State: Revised

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Special Education Teacher

Evidence: IEP reports

Comments:

LRPT Correlates: TL04, TL05, TL13

**Strategy 1.3.3:** Monitor usage of wireless labs by class, grade, and student demographics

State: Original

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Campus Technologist, Classroom Teachers, Principal

Evidence: Lesson Plans and Mobile Lab Check-out Sheets

Comments:

LRPT Correlates: I04, I05, TL01, TL03, TL08, TL09, TL13, TL14

**Strategy 1.3.4:** Provide on-line course offerings via distance learning.

State: Original

Status: In Progress  
Timeline: Ongoing  
Person(s) Responsible: Superintendent On-line Course Facilitator  
Evidence: Class Roster  
Comments:  
LRPT Correlates: EP03, LAS15, TL02, TL04, TL07, TL08, TL09, TL10, TL12, TL13

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

**Objective 2.1:** 100% of instructional staff will be expected to implement and teach the Technology Application TEKS in conjunction with the integrated technology requirements in the core curriculum TEKS. Staff will develop Technology Enriched Performance Indicators (TEPIs) based on rigor and curriculum outcome of TEKS.

Budget for this objective: \$2,125.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01 03 04a 04b 07 11

**Strategy 2.1.1:** Continue offering staff development courses for teachers and librarians that focus on preparing teachers to integrate technology into their subject areas while utilizing 24/7 technologies utilizing TEPIs in planning of their lessons.

State: Revised

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Staff Development and Instructional Technology Departments

Evidence: Participation rosters and certificates of completion

Comments:

LRPT Correlates: EP01, EP03, EP04, EP08, LAS03, LAS06, LAS12, TL04, TL07

**Strategy 2.1.2:** Teachers will work with technologist as a part of student computer classes and as a requirement of the Technology Competency Program. TLRP Correlates: TL05, EP01, EP03, EP05, EP09, EP12

State: Revised

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Campus Staff and Instructional Technologists

Evidence: Rosters of staff attendance

Comments:

LRPT Correlates: EP01, EP03, EP05, EP08, TL07

**Strategy 2.1.3:** Continue to offer long term, sustained professional development with emphasis on emerging trends to improve student performance

State: Revised

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Principal and Campus Technologist

Evidence: Rosters of participation

Comments:

LRPT Correlates: EP01, EP03, EP04, EP08, EP09, LAS03, LAS07

**Objective 2.2:** 100% of instructional staff will be encouraged to meet SBEC standards for technology literacy.

Budget for this objective: \$2,125.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01 03 04b 11

**Strategy 2.2.1:** Evaluate professional staff in terms of SBEC standards via STaR Chart input, teacher evaluations, lesson plans and evaluator walk-throughs

State: Revised

Status: In Progress

Timeline: ongoing, particular emphasis in Spring

Person(s) Responsible: Campus Technologist

Evidence: Completed STaR Chart

Comments:

LRPT Correlates: EP05, EP07, EP08, EP09, I01, I07, LAS03, LAS10

**Strategy 2.2.2:** The district will provide incentives for teachers reaching SBEC standards, goals and objectives

State: Revised

Status: Planned

Timeline: Ongoing

Person(s) Responsible: Instructional Technologist and Target II Leadership Team

Evidence: Competency Reports

Comments:

LRPT Correlates: EP01, EP03, EP04, EP05, EP08, EP09, I03, TL16

**Objective 2.3:** 100% of staff will be encouraged to transform educational practices to include collaborative environments and other specialized curricula.

Budget for this objective: \$2,125.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 04b 08 11

**Strategy 2.3.1:** Teachers are encouraged to use emerging technologies

State: Original

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Campus Staff and Instructional Technologist

Evidence: Teacher evaluations and follow up professional development

Comments:

LRPT Correlates: EP01, EP03, EP05, TL07, TL08, TL12

**Strategy 2.3.2:** Staff development will provide teachers with the necessary instruction to learn the skills required by SBEC guidelines. Technology instructors will model best instructional practices.

State: Revised

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Campus Staff, Technologists

Evidence: Lesson Plans and Student Work Products

Comments:

LRPT Correlates: EP01, EP03, EP04, EP05, EP08, EP09, TL04, TL07

**Goal 3: Administration and Support Services - Improve quality of communication to facilitate data-driven decision making processes in the areas of student records (achievement, attendance, special ed, and discipline), community partnerships/parent awareness and involvement, and other support services.**

**Objective 3.1:** 100% of schools will utilize technology as a tool to access and maintain student records.

Budget for this objective: \$13,500.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER02

NCLB Correlates: 04b 08 11

**Strategy 3.1.1:** 100% of campuses will use TEA/ESC VI data to set campus goals and make decisions regarding the improvement of student achievement

State: Original

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Curriculum Coordinator, Principal, Classroom Teachers

Evidence: Reports

Comments:

LRPT Correlates: LAS02, TL12

**Strategy 3.1.2:** 100% of campuses will utilize an online gradebook to maintain student grades and generate reports for student, parent, and teacher use.

State: Original

Status: Completed  
Timeline: 2003 and Ongoing  
Person(s) Responsible: Classroom Teachers, Office Staff, PEIMS Coordinator  
Evidence: Attendance reports, Online records  
Comments:  
LRPT Correlates: LAS02

**Strategy 3.1.3:** 100% of support personnel will receive training in all administration and support systems including TxEIS through ESC VI for student data and parent portal.

State: Revised  
Status: Completed  
Timeline: Ongoing  
Person(s) Responsible: Principal, PEIMS Coordinator  
Evidence: Attendance records, Grade reports  
Comments:  
LRPT Correlates: EP06, LAS02, LAS08, LAS09, LAS11, TL12

**Strategy 3.1.4:** Centralized document websites will be maintained with current forms and documents available in PDF, giving 100% of pertinent staff access to digital files.

State: Original  
Status: Completed  
Timeline: Ongoing  
Person(s) Responsible: Office personnel, District technologist  
Evidence: Documents online and available  
Comments:  
LRPT Correlates: EP06, TL12

**Strategy 3.1.5:** Customized client interfaces for students will be maintained through central files on the district server through TxEIS

State: Revised  
Status: Completed  
Timeline: Ongoing  
Person(s) Responsible: Campus technologist  
Evidence: Student files and access to data  
Comments:  
LRPT Correlates: EP06, LAS02, LAS07, LAS08

**Objective 3.2:** 100% of Instructional Staff will be encouraged to utilize electronically delivered information to communicate with parents and concerned community members, as appropriate

Budget for this objective: \$900.00  
LRPT Category: Leadership, Administration and Support  
E-Rate Correlates:  
NCLB Correlates: 09 10 12

**Strategy 3.2.1:** All staff will be encouraged to utilize electronic means to communicate student progress, including email communication, electronic gradebooks (parent portal), electronic bulletins, newsletters, and design their own websites.

State: Original  
Status: In Progress  
Timeline: Ongoing  
Person(s) Responsible: Principal, Campus technologist, Classroom teachers  
Evidence: Reports, emails, website  
Comments:  
LRPT Correlates: LAS04, LAS08, LAS09, LAS11, TL16

**Strategy 3.2.2:** The Gause ISD website will be maintained and updated with information for parents, community members, including campus websites, resources for literacy, continuing ed opportunities, student activities/schedules

State: Revised  
Status: In Progress  
Timeline: Ongoing  
Person(s) Responsible: Campus technologist  
Evidence: Website



Comments:

LRPT Correlates: LAS03, LAS04, LAS11, TL16

**Strategy 3.2.3:** A technology plan committee will continue to regularly evaluate the district technology plan and inform planning for the district regarding future technology needs

State: Revised

Status: In Progress

Timeline: 2010 and ongoing

Person(s) Responsible: Technology committee, District technologist, Principal

Evidence: Attendance at meetings, correspondence

Comments:

LRPT Correlates: I01, I03, I04, I06, I07, I09, LAS01, LAS02, LAS03, LAS04, LAS05, LAS07, LAS15

**Strategy 3.2.4:** Add parent portal to district data to inform parents regarding student progress

State: Original

Status: Completed

Timeline: 2007

Person(s) Responsible: Technologist, Principal

Evidence: RSCCC Parent Portal open and operational

Comments:

LRPT Correlates: I03, I08, LAS11, TL09, TL15

**Strategy 3.2.5:** Teachers are encouraged and assisted in writing grants to qualify for the funding and in attending regional collaborative opportunities

State: Original

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Instructional Technologist, Principal

Evidence: Grant awards and CPE certificates

Comments:

LRPT Correlates: I09

**Objective 3.3:** 100% of support staff will streamline information reporting and decision making processes by utilizing electronic and digital productivity tools

Budget for this objective: \$550.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates:

NCLB Correlates: 04b 12

**Strategy 3.3.1:** Library automation system software for library books and textbooks will continue to be used and maintained for all campuses

State: Revised

Status: In Progress

Timeline: 2010 and ongoing

Person(s) Responsible: Campus technologist, Librarian

Evidence: Follett statistics report

Comments:

LRPT Correlates: EP08, I01, LAS01, LAS07, LAS15, TL11

**Strategy 3.3.2:** Teacher and librarian evaluations will be maintained electronically with support through service centers

State: Revised

Status: In Progress

Timeline: 2010 and ongoing

Person(s) Responsible: Campus Administrator

Evidence: PDAS Filemaker Pro database templates

Comments:

LRPT Correlates: LAS02, LAS03, LAS08, LAS10, TL11, TL14

**Goal 4: Infrastructure - Increase or maintain capability and stability of the LAN/WAN, Internet connectivity, user/computer ratio, and emerging technologies as appropriate.**

**Objective 4.1:** The LAN/WAN structure will be optimized to meet the needs of all facets of the school district enterprise.

Budget for this objective: \$66,919.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates:

NCLB Correlates: 05 06 12

**Strategy 4.1.1:** The district will continue to maintain the infrastructure between each site and the Ethernet LAN.

State: Revised

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Principal/Superintendent, Instructional technologist

Evidence: Network monitoring/assessment programs in place and active

Comments:

LRPT Correlates: I01, I04, I05, I07

**Strategy 4.1.2:** The district will maintain wireless access points throughout each location infrastructure.

State: Original

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Principal/Superintendent, Technologist

Evidence: Up-to-date network diagrams; network monitoring programs

Comments:

LRPT Correlates: EP08, I02, I06, I07, LAS07, TL09

**Strategy 4.1.3:** Work to secure outside funding/grant resources to enhance infrastructure.

State: Original

Status: Planned

Timeline: Ongoing

Person(s) Responsible: Superintendent/Principal, Campus technologist

Evidence: Maintain active access to information services and agencies focused on these records

Comments:

LRPT Correlates:

**Strategy 4.1.4:** The district will upgrade infrastructure to better meet the needs in teacher classrooms such as, additional servers, switches, and classroom drops.

State: Original

Status: In Progress

Timeline: Completed by August 2011.

Person(s) Responsible: Superintendent, Technologist

Evidence: Up-to-date servers, switches and 40 drops

Comments:

LRPT Correlates: I01, I04, I05, TL09

**Strategy 4.1.5:** Expand wireless technology hardware (4-5 AP, 1 additional POE Switch and 2 more T1 lines), a fiber-optic backbone to connect switches between buildings, and adding a mobile elementary wireless lab.

State: Original

Status: Planned

Timeline: Implemented by end of 2013.

Person(s) Responsible: Instructional Technology Department

Evidence: Working Mobile Elementary Lab

Comments:

LRPT Correlates: EP01, I01, I02, I03, I04, I05, I06, I09, TL01, TL08, TL09

**Objective 4.2:** 100% Internet connectivity will be maintained from every location in the district.

Budget for this objective: \$25,688.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates:

NCLB Correlates: 05 12

**Strategy 4.2.1:** The district will ensure direct user Internet access for every network computer in the district

State: Original

Status: Completed  
Timeline: Ongoing  
Person(s) Responsible: Superintendent/Principal, Campus technologist  
Evidence: At least one computer in every classroom and office in the district that is connected to LAN/WAN  
Comments:  
LRPT Correlates: I01, I02, I08

**Strategy 4.2.2:** The District will maintain interactive web-based services with both Internet and intra-net components  
State: Original  
Status: In Progress  
Timeline: Ongoing  
Person(s) Responsible: Superintendent/Principal, Campus technologist  
Evidence: Web based services with Internet and intra-net services  
Comments:  
LRPT Correlates: I01, I02, I08, I09

**Objective 4.3:** The district will continue to work toward optimal user/computer ratio in the district  
Budget for this objective: \$2,800.00  
LRPT Category: Infrastructure for Technology  
E-Rate Correlates:  
NCLB Correlates: 05 11

**Strategy 4.3.1:** The district will maintain a student to computer ratio of 1:1 with a student computer lab ratio of 1:1  
State: Revised  
Status: In Progress  
Timeline: Ongoing  
Person(s) Responsible: Superintendent/Principal, Campus technologist, Business manager  
Evidence: Total number of computers available to students and staff with new and current technology  
Comments:  
LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08

**Objective 4.4:** The district will continue to discover and include new and emerging technologies where appropriate to maximize user potential.  
Budget for this objective: \$4,000.00  
LRPT Category: Infrastructure for Technology  
E-Rate Correlates:  
NCLB Correlates: 05 08 12

**Strategy 4.4.1:** A standardized IP telephone system with integrated messaging installed on every campus in the district.  
State: Original  
Status: Completed  
Timeline: 2006  
Person(s) Responsible: District technologist  
Evidence: Installation scheduled established and implemented.  
Comments: Completed  
LRPT Correlates: I01, I02, I08

**Strategy 4.4.2:** The district will enhance teacher technology tools to include interactive whiteboards.  
State: Original  
Status: Completed  
Timeline: Each year purchase 1-2 interactive smartboards for teachers.  
Person(s) Responsible: Principal, technologist  
Evidence: Increase interactive whiteboard usage. Lesson Plans and walkthroughs.  
Comments:  
LRPT Correlates: EP01

**Strategy 4.4.3:** The district will continue to enhance security systems to provide a safe learning environment.  
State: Original  
Status: In Progress  
Timeline: Ongoing  
Person(s) Responsible: Superintendent, Technologist

Evidence: Increased camera usage in all areas of the campus

Comments:

LRPT Correlates: LAS10

**Goal 5: Leadership, Administration, and Instructional Support - The Superintendent and Board of Trustees will implement and sustain school improvement through technology innovation which depends on skilled leadership, consistent expectations, and shared visions.**

**Objective 5.1:** The district will provide leaders who work to integrate and implement technology driven curriculum focused on student achievement through research based staff development.

Budget for this objective: \$1,000.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01 04a 04b 07

**Strategy 5.1.1:** The superintendent will lead the district with a focus on providing up-to-date technology for staff and student use.

State: Original

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Superintendent, District Technology Committee

Evidence: Current technology

Comments:

LRPT Correlates: EP03, EP08, I01, I04, I05, I06, I09, LAS01, LAS02, LAS03, LAS09, LAS15

**Strategy 5.1.2:** District and school administrators will play a key role in cultivating a shared vision and serve as a catalyst for change.

State: Original

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Superintendent and Board of Trustees

Evidence: Continued access to technology by students, staff, parents, and community

Comments:

LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08, I09, LAS01, LAS02, LAS04, LAS05, LAS07, LAS08, LAS10, LAS11, LAS14, LAS15

**Strategy 5.1.3:** District leadership will develop, implement, budget for and monitor a dynamic technology plan that aligns resources to improve student learning and supports school operations.

State: Original

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Superintendent and Board of Trustees

Evidence: Current technology

Comments:

LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08, I09, LAS01, LAS02, LAS03, LAS04, LAS05, LAS06, LAS07, LAS08, LAS09, LAS10, LAS11, LAS12, LAS13, LAS14, LAS15

**Objective 5.2:** District leadership will create innovative, flexible, and responsive environments to maximize teaching and learning and community involvement.

Budget for this objective: \$1,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates:

NCLB Correlates: 02 04a 05 06 08 09 12

**Strategy 5.2.1:** The district will offer opportunities for sustained, relevant, and timely staff development in a variety of forms.

State: Original

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Superintendent, Principal

Evidence: Teacher training logs

Comments:

LRPT Correlates: EP01, EP02, EP03, EP05, EP06, EP08, LAS03, LAS06

**Strategy 5.2.2:** Conduct ongoing review and revision of district technology policies involving parents, students, staff, and communities

State: Original

Status: In Progress

Timeline: Ongoing

Person(s) Responsible: Superintendent and Principal

Evidence: District Technology Plan

Comments:

LRPT Correlates: LAS02, LAS04, LAS07, LAS08, LAS09, TL08, TL09, TL10, TL13

## **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: REAPed

Budget for year 2014

- Telecom cost: \$42,150.00

- Telecom source: eRate - 80% - \$33,720

Title I,A - \$8,430

- Materials cost: \$2,800.00

- Materials source: Title IIA - \$2,800

- Equipment cost: \$41,232.00

- Equipment source: erate - 80% - \$32,986 Small Rural School-\$8246%

- Maintenance cost: \$9,225.00

- Maintenance source: erate - 80% - \$7,380 Small Rural Schools-\$1845

- Staff development cost: \$10,500.00

- Staff development source: erate 80% - \$7225 - DL Small Rural School - \$1275

- Miscellaneous cost: \$28,250.00

- Miscellaneous source: erate - 50% - \$450 Small Rural Schools-\$450 TitleI - \$2,300 - DMAC Local - \$13,500 - TxEIS Local - \$550 - Follet TASB - \$4000 - cameras Local -\$7000 - Virtual

- Total: \$134,157.00

## **EVALUATION**

Evaluation Process:

Gause ISD actively monitors all technology implementations as part of its ongoing evaluation plan. This plan will be revisited and revised annually by the Technology Advisory committee. The district DEIC will also provide input for the process. The Texas STaR Chart is used as a working document for all technological decisions made by the district. The collected data plays a part in creating our professional staff development offerings. All teachers take the Technology Integration Readiness Inventory (TIRI) for assisting us in implementing prescriptive sustainable research based professional development. The instructional technology department and superintendent continually evaluate the impact of technology on teaching and learning.

Evaluation Method:

The Instructional Technology Department uses the 5 levels of evaluation as defined by Thomas Guskey as the model for evaluating the technology staff development. Principals are trained on what to look for in classrooms and how to connect the usage of technology to the PDAS document. Observation, questionnaires and benchmark testing are used to evaluate levels 3-5. Level 1: Participants' Reactions Level 2: Participants' Learning Level 3: Organizational Support and Change Level 4: Participants' Use of New Knowledge and Skills Level 5: Student Learning Outcomes The district collects information on an ongoing basis in order to continually improve the learning opportunities for students. Each year students in grades 8 will complete technology benchmark assessments providing feedback on their technology skills. These skills will allow elementary students to be prepared for the challenging academic standards in middle and high school. Additionally students will be better able to meet goals of Technology TEKS and Academic TEKS. The Technology Advisory Committee/DEIC members will identify areas which need further attention and the steps that need to be taken to ensure that the technology is used to maximize student learning. Staff Development sessions between classroom teachers and instructional technologists during their school day are counted towards a teacher's CPE hours. **APPENDIX**

**Attachment item A:**

Texas STaR Chart

PDF file:  <http://www.gauseisd.net/Uploads/158/misc/STaRChartSummary2012-13.pdf>

**Attachment item B:**

Gause ISD Student Acceptable Use Policy

PDF file:  <http://www.gauseisd.net/Uploads/158/misc/2012-13AUP-GauseISD1.pdf>