

GUTHRIE CSD Technology Plan for E-Rate Year 17
2013 - 2015

Kevin Chisum
Superintendent

DISTRICT PROFILE

ESC Region: 17
City, State Zip: GUTHRIE, TX 79236
Phone: (806) 596-4466
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Number of Campuses: 1
Total Student Enrollment: 116
District Size: Under 500
Percent Econ. Disadvantaged: 30.40%

Technology Expenditures: \$322,500.00
- Teaching and Learning Budget: \$11,000.00
- Educator Preparation and Development Budget: \$68,000.00
- Leadership, Administration and Support Budget: \$133,548.00
- Infrastructure for Technology Budget: \$109,952.00

Technology Expenditure Per Pupil: \$2,780.17
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: 22
Percentage of Classrooms with High-Speed Broadband Internet Access: 100.00 %
Computer/Student Ratio: 1 student(s) for every computer
Computer/Teacher Ratio: 1 teacher(s) for every computer
Number of campuses that need to complete the Texas Campus STaR Chart: 1
Percentage of campuses that have completed the Texas Campus STaR Chart: 0.00 %

PLAN INTRODUCTION

Plan Last Edited: 05/25/2015

This is an Updated plan. The plan editor entered these comments about the changes since last year's plan: > Minor changes in dollar expenditure plans were made. > Several strategies were moved from Planned to In Progress or Completed status.

Technology Planning Committee:

Kevin Chisum (Superintendent) Jodie Reel (Principal) Darren Wilson (Technology Coordinator) JoAnn Shipman (Librarian) Buffy Wilson (Elementary Teacher) Kent Ballard (Secondary Teacher) Lynn Hill (Parent)

EXECUTIVE SUMMARY

The Guthrie CSD Technology Plan is consistent with the four areas of the TEA long range plan for technology and the TEA STAR Chart. Four goals address Teaching and Learning (Learners), Educator Preparation (Educators), Administrative Use (Leaders), and Infrastructure. The Objectives under each goal are consistent with descriptions of the four areas in the TEA long range plan as updated in fall 2006.

NEEDS ASSESSMENT

Assessment Process: Guthrie CSD is a single campus district of 116 students and 36 faculty and staff members. The district employs a technology director who also has assigned teaching duties. The district contracts additional support through CTSI, a computer networking company, and also receives support from the Region 17 Education Service Center.

To identify district technology needs, district administration reviewed the STAR Chart to identify areas of recent growth and areas still in need of improvement. The district technology committee also visited with administrators and teachers to determine the level of technology use in the classroom and to identify what the professional development needs were. Teachers were also encouraged to communicate their technology needs to the committee via face-to-face conversations, online surveys and e-mail.

District personnel also consulted with the Education Service Center, CTSI (computer networking) and Caprock Telephone Cooperative (internet service provider) to determine infrastructure needs.

Existing Conditions:

The following technology is currently in place and in use District-Wide:

- a) All teachers and administrators are using a school-issued laptop computer.
- b) All 6th through 12th grade students are using a school-issued laptop computer.
- c) All Pre-K through 5th grade students have 1-to-1 access to an iPad in their classrooms.
- d) There is 100% wireless network/internet coverage throughout the district.
- e) Interactive whiteboards are installed and in use in 16 of the 22 district classrooms.
- f) Digital Projectors are installed and in use in 19 of the 22 district classrooms.
- g) Network servers are in place, providing access to software applications, instructional resources and student work.
- h) Internet access, Texas Library Connection, and automated checkout is in place in the library.
- i) A written Acceptable Use Policy, including an Internet Safety Plan is in place.
- j) All students and staff members in the school district have access to the internet through a 10MB fiber optic connection through Caprock Telephone Cooperative.
- k) Phone access is available in every instructional area, including VOIP for long distance.

Technology Needs:

The District Technology Committee and District Staff have identified the following technology needs for the Guthrie School System:

- a) Maintain a two-year replacement cycle for all teacher and administrator laptops.
- b) Maintain a two-year replacement cycle for all Pre-Kindergarten through 12th grade student devices.
- c) Maintain the 1-to-1 student/device ratio for all students.
- d) Maintain a five-year replacement cycle for all network infrastructure appliances: servers, firewalls, filters, switches, and access points.
- e) Provide opportunities for ongoing and targeted technology professional development opportunities for teachers, administrators and support staff.
- f) Upgrade technology resources available for Science and Math classrooms, including hardware and online learning resources.
- g) Increase the opportunities for student & staff distance learning through online learning programs.
- h) Consider increasing internet bandwidth from 10MB to 20MB based on growing instructional needs.

GOALS, OBJECTIVES, AND STRATEGIES

Goal 1: Teaching and Learning. All learners engage in individualized, real-world experiences supported by ubiquitous access to modern digital tools; robust anywhere, anytime connectivity; and dynamic, diverse learning communities.

Objective 1.1: Patterns of Classroom Use: Students will have access to relevant technologies, tools, resources and services for individualized instruction 24/7.

Budget for this objective: \$2,000.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01 02 03 04a 07 12

Strategy 1.1.1: Support the use of emerging technologies aligned with state standards for developing greater levels of collaboration, inquiry, analysis, creativity and content production.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Teachers

Evidence: Student projects

Comments:

LRPT Correlates: I09, LAS10, TL05, TL07, TL08

Strategy 1.1.2: Support school library programs and use library standards to ensure that the library assists classroom teachers in teaching information literacy and Technology Applications knowledge and skills, by providing online resources and participating in library professional development opportunities available in Region 17.

State: Original

Status: In Progress

Timeline: Aug thru May of each year

Person(s) Responsible: Principal, Librarian

Evidence: Availability

Comments:

LRPT Correlates: I09, LAS12, TL01, TL02, TL05, TL09, TL10, TL11

Strategy 1.1.3: Support teachers as they develop classroom websites and online resources to share lessons, monitor student progress and establish regular communications with parents and students, and by maintaining the district web site.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Principal

Evidence: Access to resources

Comments:

LRPT Correlates: I01, I09, LAS11, TL04, TL07, TL09, TL15, TL16

Objective 1.2: Instructional Setting: Students will use information and communication technologies to collaborate, construct knowledge and provide solutions to real-world problems.

Budget for this objective: \$2,000.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01 02 04a 07 12

Strategy 1.2.1: Monitor and document progress of integration of technology into curricula and instruction and to monitor and report student mastery of the TA TEKS to TEA through the STAR Chart according to the NCLB requirements.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Principal, Teachers

Evidence: Teacher lesson plans

Comments:

LRPT Correlates: LAS01, TL01, TL08

Strategy 1.2.2: Provide students with research-based materials and instruction as noted above.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Principal

Evidence: Lesson plans

Comments:

LRPT Correlates: LAS10, LAS15, TL01, TL02, TL03, TL13

Strategy 1.2.3: Provide curriculum to ensure personal safety for students in a digital world and Acceptable Use Policies that specify expectations and rules for students, parents, and teachers, by reviewing the AUP annually and ensuring that all teachers, students and parents receive specific information about the Policy.

State: Original

Status: In Progress

Timeline: Aug thru May of each year

Person(s) Responsible: Principal

Evidence: Schedule

Comments:

LRPT Correlates: TL01, TL08

Strategy 1.2.4: Monitor and document progress of integration of technology into curricula and instruction and to monitor and report student mastery of the TA TEKS to TEA.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Principal

Evidence: STaR Chart

Comments:

LRPT Correlates: TL06

Objective 1.3: Content Connections: Students will use research-based strategies in all subject areas to improve academic achievement.

Budget for this objective: \$5,000.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01 02 07 08 11 12

Strategy 1.3.1: Integrate the TA TEKS within the foundation curriculum at each grade level.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Principal, Teachers

Evidence: Lesson plans

Comments:

LRPT Correlates: TL03, TL08, TL09, TL11, TL12, TL14, TL15

Strategy 1.3.2: Provide specialized courses in Technology Applications in middle school.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Principal

Evidence: Schedule

Comments:

LRPT Correlates: TL01, TL08, TL09

Objective 1.4: Objective 1.4. Online Learning: Students will communicate effectively in a variety of formats for diverse audiences.

Budget for this objective: \$2,000.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01 02 03 04a 07 08 12

Strategy 1.4.1: Support the use of technology to promote student-centered learning across geographic and cultural boundaries that include business and industry, by offering online courses.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Principal

Evidence: Schedule

Comments:

LRPT Correlates: I01, I09, TL08, TL13

Strategy 1.4.2: Implement innovative programs that promote parental involvement, increase communication with parents and community members by providing community access to educational resources, with a community cable information page (as available), maintaining the district and teacher web sites, and providing community video programming.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Superintendent, Principal

Evidence: parental involvement in school activities

Comments:

LRPT Correlates: I03, I08, TL09, TL15, TL16

Strategy 1.4.3: Support the development of the Guthrie Virtual School.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Superintendent, Principal

Evidence: availability of courses in Texas Virtual School Network and directly to schools

Comments:

LRPT Correlates: EP08, LAS15, TL12

Goal 2: Educator Preparation and Development. All educators, PreK-12 through higher education, are well prepared throughout their careers to use current digital tools, digital resources, and modern, effective teaching-learning processes to mentor, monitor, and motivate students.

Objective 2.1: Professional Development: Educators will know how to use technology effectively in the teaching and learning process.

Budget for this objective: \$4,000.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01 03 04b 11 12

Strategy 2.1.1: Provide opportunities for professional development for teaching and integrating Technology Applications into the foundation and enrichment TEKS through multiple delivery methods.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Superintendent, Principal

Evidence: Schedule, Participation

Comments:

LRPT Correlates: EP01, EP02, EP03, EP04, EP06, EP07, EP08, EP09, I01, LAS06, LAS10, LAS12

Strategy 2.1.2: Provide opportunities for continuing professional development for teachers certified to teach the Technology Applications courses as identified in SBEC Technology Applications standards VI – XI.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Admin

Evidence: Schedule, Participation

Comments:

LRPT Correlates: EP02, EP04, EP05, EP06, EP07, EP08, I01, LAS03, LAS06, LAS13

Strategy 2.1.3: Document progress of teachers toward mastery of Technology Applications Educator Standards I – V using the Texas Teacher STaR chart.

State: Original

Status: Planned

Timeline: Fall of each year

Person(s) Responsible: Technology Coordinator

Evidence: STaR Chart, PDAS

Comments:

LRPT Correlates: EP05

Strategy 2.1.4: Encourage participation in statewide, technology professional development opportunities, such as TCEA, distance learning conferences.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Principal

Evidence: Available funds, Attendance

Comments:

LRPT Correlates: EP01, EP02, EP06, LAS03

Objective 2.2: Integration: Educators will develop new learning environments that utilize technology as a flexible tool where learning is collaborative, interactive and customized.

Budget for this objective: \$1,000.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER01

NCLB Correlates: 01 02 04a

Strategy 2.2.1: Provide training on the use of electronic tools and information to support sound, data-driven decision-making.

State: Original

Status: Planned

Timeline: as needed Aug thru May of each year

Person(s) Responsible: Principal

Evidence: Schedule

Comments:

LRPT Correlates: EP01, EP06, EP07, EP08, LAS12

Objective 2.3: Professional Development and Online Learning: Educators will develop new learning environments that utilize technology as a flexible tool where learning is collaborative, interactive and customized.

Budget for this objective: \$3,000.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 02 03 04a 05 06 07 09 11 12

Strategy 2.3.1: Encourage instructional coaches and mentors (instructional technologists) who will support online learning.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Administration

Evidence: Documentation of working relationships

Comments:

LRPT Correlates: EP01, EP09

Strategy 2.3.2: Budget for, offer and support expanded curriculum and instructional opportunities to students via online, digital, and a variety of distance learning technologies.

State: Original

Status: Planned

Timeline: summer budget process

Person(s) Responsible: Superintendent, Principal

Evidence: Schedule, Registration, Participation

Comments:

LRPT Correlates: EP01, EP02, EP04, EP06, EP07, EP08, I09, LAS03

Objective 2.4: Levels of Understanding and Patterns of Use: Educators will ensure integration of appropriate technology throughout all of curriculum and instruction.

Budget for this objective: \$60,000.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 02 07 09 12

Strategy 2.4.1: Encourage instructional coaches and mentors (instructional technologists) to support classroom efforts in using technology to improve learning in core curriculum areas.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Principal, District Technologist

Evidence: Class Schedule

Comments:

LRPT Correlates: EP08, EP09

Goal 3: Leadership, Administration and Instructional Support. All education leaders create and secure support for innovative, flexible, and responsive technology-rich environments and services to maximize learning and optimize teaching.

Objective 3.1: Leadership and Vision; Planning and Budget: The district will develop, implement, budget for and monitor a dynamic technology plan to meet the needs of a changing workforce and economy.

Budget for this objective: \$1,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 02 03 04a 04b 05 06 07 08 09 10 11 12

Strategy 3.1.1: Promote a comprehensive planning process to ensure technology plans include clear goals and realistic objectives, as well as appropriate strategies to meet district needs and promote student achievement in accordance with No Child Left Behind.

State: Original

Status: In Progress

Timeline: Fall of each year

Person(s) Responsible: Superintendent, Principal

Evidence: Adoption of Technology Plan, Allocation of resources

Comments:

LRPT Correlates: I02, I03, I07, LAS01, LAS02, LAS04, LAS05, LAS07, LAS08, LAS09, LAS13, LAS14

Strategy 3.1.2: Initiate and implement policies to expand parental and community access to school facilities, library resources, and non-secured data through technology, by maintaining a district web site, and offering community programs via interactive video.

State: Original

Status: Planned

Timeline: Throughout each year

Person(s) Responsible: Superintendent

Evidence: Budget approval

Comments:

LRPT Correlates: LAS02, LAS06

Objective 3.2: Planning: The district incorporates planning in the campus improvement plan and has a technology planning process.
Budget for this objective: \$38,500.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01
NCLB Correlates: 11 12

Strategy 3.2.1: Incorporate ongoing technology planning and professional development in classroom, library, campus and district improvement plans.

State: Original
Status: Planned
Timeline: Aug thru May of each year
Person(s) Responsible: Administration
Evidence: completed, adopted plans
Comments:
LRPT Correlates: LAS01, LAS02, LAS03, LAS08

Strategy 3.2.2: Create business continuity plans (crisis plans) that ensure critical technology applications can be recovered in a timely manner, by maintaining remote monitoring and backup support systems.

State: Original
Status: Planned
Timeline: In preparation for each academic year
Person(s) Responsible: Superintendent, Technologist
Evidence: Documentation
Comments:
LRPT Correlates: LAS14

Strategy 3.2.3: Coordinate the use of electronic data in district planning to support research-based decision-making focused on student success (TeXIS, Student Services programs, PEIMS).

State: Original
Status: Planned
Timeline: Aug thru May of each year
Person(s) Responsible: Superintendent, Principal
Evidence: approved district plans
Comments:
LRPT Correlates: LAS08

Objective 3.3: Technical and Instructional Support: The district will create innovative, flexible and responsive environments to maximize teaching and learning and community involvement.

Budget for this objective: \$60,048.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01 ER02
NCLB Correlates: 01 02 03 09 10 12

Strategy 3.3.1: Provide technical support to teachers.

State: Original
Status: Planned
Timeline: Aug thru May of each year
Person(s) Responsible: District Technologist
Evidence: Work orders, STaR Chart
Comments:
LRPT Correlates: I06, LAS10

Strategy 3.3.2: Provide appropriate technology professional development opportunities during the academic year for teachers and staff using a variety of delivery systems.

State: Original
Status: Planned
Timeline: Aug thru May of each year
Person(s) Responsible: Superintendent, Principal
Evidence: Scheduled courses, Availability of resources
Comments:
LRPT Correlates: I06, TL08, TL09, TL10, TL11, TL12, TL13

Strategy 3.3.3: Provide summer professional development opportunities

State: Original

Status: Planned

Timeline: summers

Person(s) Responsible: Superintendent, Principal

Evidence: Availability of resources, Written agreements

Comments:

LRPT Correlates: I01, I06, LAS15, TL04, TL09

Objective 3.4: Communication and Collaboration: The district will expect and plan appropriate technology use throughout the teaching and learning process as well as throughout administration.

Budget for this objective: \$1,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 02 03 04a 04b 05 06 07 08 12

Strategy 3.4.1: Collaborate with representatives from PreK-12, higher education, parents, businesses and community to share resources and services.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Superintendent

Evidence: Payment of membership fee

Comments:

LRPT Correlates: I08, I09, LAS15, TL08, TL09, TL10, TL12, TL13

Strategy 3.4.2: Include community input into the planning and support for the integration of technology into teaching and learning by including community members on site base decision-making committees.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Superintendent

Evidence: Payment of membership fees

Comments:

LRPT Correlates: I01, I09, TL08, TL09, TL10, TL12, TL13

Strategy 3.4.3: Coordinate with ESC 17 to provide adult education classes for community members.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Principal, Counselor

Evidence: Enrollment, Completion of classes

Comments:

LRPT Correlates: I09, LAS15, TL09, TL12, TL13

Strategy 3.4.4: Build community support for anytime, anywhere Internet access through collaborative planning, education, public information and other means by involving community members on the district technology committee.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Administration

Evidence: Available resources

Comments:

LRPT Correlates: LAS02, LAS07, LAS13

Objective 3.5: Budget: The district budget allocates funds to support the implementation of technology strategy.

Budget for this objective: \$1,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 01 02 03 04b 06 07 08 12

Strategy 3.5.1: Coordinate funding for technology from state, local, and federal programs.

State: Original

Status: Planned

Timeline: summer budget approval process

Person(s) Responsible: Superintendent, Principal

Evidence: Written plans

Comments:

LRPT Correlates: LAS01, LAS02, LAS03, LAS04, LAS05, LAS06, LAS07

Strategy 3.5.2: Move toward allocating at least 30% of technology budget for professional development.

State: Original

Status: Planned

Timeline: summer budget approval process

Person(s) Responsible: Administration

Evidence: Committee roster, Minutes of meetings

Comments:

LRPT Correlates: LAS07, LAS13

Strategy 3.5.3: Identify and apply for external funding to support integration of technology and purchase of technology resources.

State: Original

Status: Planned

Timeline: As opportunities for funds are available

Person(s) Responsible: Administration

Evidence: Appraisal documents, STaR Charts

Comments:

LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, LAS03, LAS12

Objective 3.6: Leadership and Support for Online Learning: The district will offer expanded curricular and instructional opportunities to students via online, digital technology, and a variety of distance learning technologies.

Budget for this objective: \$32,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 01

Strategy 3.6.1: Utilize innovative strategies for the 24/7 delivery of specialized or rigorous courses and expanded curricular and instructional offerings through the use of technology, including online and other distance learning and digital content services to meet the diverse and personal needs of all students.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Superintendent, Principal, Teachers

Evidence: Presence and Operation of Security Cameras Online classes

Comments:

LRPT Correlates: TL09, TL14

Strategy 3.6.2: Maintain membership in the Region 17 Distance Learning Network.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Superintendent, Principal

Evidence: shared services arrangement

Comments:

LRPT Correlates: LAS13

Goal 4: Infrastructure for Technology. An industry-standard infrastructure system supports all students, educators, and education leaders by enabling high-quality access to learning, communications, and management systems anytime and anywhere.

Objective 4.1: Students per Computer: The district will maintain an appropriate computer to students ratio.

Budget for this objective: \$1,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates:

NCLB Correlates: 03 09

Strategy 4.1.1: Maintain a 6th through 12th grade student/laptop ratio of 1:1, a pre-k through 5th grade student/device ratio of 1:1, and a teacher/laptop ratio of 1:1.

State: Original

Status: Completed

Timeline: Aug thru May of each year

Person(s) Responsible: District Superintendent Board of Trustees

Evidence: Operation of the Network

Comments:

LRPT Correlates: I01, I05, I06, I08, I09

Strategy 4.1.2: Maintain and support an obsolescence policy to ensure maximum efficiency and use of technology and infrastructure by all students.

State: Original

Status: Planned

Timeline: Continuous

Person(s) Responsible: District Superintendent District Principal District Technologist

Evidence: Availability of Sources of Communication

Comments:

LRPT Correlates: I01, I03, I06, I08, I09, LAS11, TL15, TL16

Strategy 4.1.3: Provide secure wireless access in every classroom and office throughout the district.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: District Technologist

Evidence: Presence of wireless access in all areas of the district building.

Comments: Funded through Federal Education Sources and Local Technology Allotment.

LRPT Correlates: I01, I02, I05, TL09

Objective 4.2: Internet Access: The district will provide connectivity to the Internet.

Budget for this objective: \$40,952.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER02

NCLB Correlates: 01 03 06 12

Strategy 4.2.1: Maintain an infrastructure for communications and service that ensures equitable access (fiber optic lines, telephone lines, T1 lines for Internet and video, DSL lines, cellular, VOIP for long distance with area school districts).

State: Original

Status: Planned

Timeline: Continuous

Person(s) Responsible: District Administration and District Technologist

Evidence: Community Participation in the Technology Committee

Comments:

LRPT Correlates: I03, LAS04, LAS07, LAS13, TL15

Strategy 4.2.2: Provide and maintain an infrastructure for communication with parents and community members, including year-round access to school news, educational resources, data and personnel (cable channel, school web site, teacher web sites).

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: District Administration and District Technologist

Evidence: Adequate number of computers per student

Comments:

LRPT Correlates: I04, I05, TL09

Objective 4.3: Other Classroom Technology: The infrastructure will provide access to all e-learning technologies through ubiquitous broadband resources available 24/7 for all users.

Budget for this objective: \$20,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01 ER02

NCLB Correlates: 03

Strategy 4.3.1: Continue use of interactive white boards and projector systems in all classrooms.

State: Original

Status: Planned

Timeline: Aug thru May of each year

Person(s) Responsible: Tech Coordinator and teachers

Evidence: lesson plans, observation

Comments:

LRPT Correlates: I01, I09, TL05, TL08

Objective 4.4: Technical Support: The infrastructure system will provide just-in-time technical assistance to support teaching and learning.

Budget for this objective: \$46,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 05 06 12

Strategy 4.4.1: Ensure all data is secure and accurate by maintaining firewall, backup servers, offsite backup and remote monitoring.
State: Original
Status: Planned
Timeline: Continuous
Person(s) Responsible: Technologist
Evidence: availability of resources
Comments:
LRPT Correlates: I01, I02, I03, I04, I06, I07, I09

Objective 4.5: Local Area and Wide Area Networks: The infrastructure system will provide data standards to support interoperability and accessibility for all users.
Budget for this objective: \$1,000.00
LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01
NCLB Correlates: 03, 05, 12

Strategy 4.5.1: Maintain a robust local area network, including wiring, servers, switches, wireless access points, racks and computers.
State: Original
Status: Planned
Timeline: Continuous
Person(s) Responsible: Technologist
Evidence: availability of services
Comments:
LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08, I09

Strategy 4.5.2: Provide and maintain an infrastructure for communication with parents and community members, including year-round access to school news, educational resources, data and personnel (cable channels, school web site, teacher web sites).
State: Original
Status: Planned
Timeline: Aug thru May of each year
Person(s) Responsible: Technologist
Evidence: Availability of services
Comments:
LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08, I09

Objective 4.6: Distance Learning Capacity: The district will provide access to distance learning opportunities.
Budget for this objective: \$1,000.00
LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01
NCLB Correlates: 02, 05, 12

Strategy 4.6.1: Provide technology resources for students to take high school courses and dual credit courses via interactive video and the Internet.
State: Original
Status: Planned
Timeline: Aug thru May of each year
Person(s) Responsible: Superintendent, Principal, District Technologist
Evidence: Registration, completion of courses
Comments:
LRPT Correlates: I01, I02, I06, I09

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 for year 2013

- Telecom cost: \$20,476.00
- Telecom source: 76% e-rate
24% local
- Materials cost: \$3,500.00
- Materials source: 100% local

- Equipment cost: \$14,000.00
- Equipment source: 100% local
- Maintenance cost: \$53,024.00
- Maintenance source: 100% local

- Staff development cost: \$35,000.00
- Staff development source: 100% local, including grants

- Miscellaneous cost: \$35,250.00
- Miscellaneous source: 100% local

- Total: \$161,250.00

Budget for year 2014

- Telecom cost: \$20,476.00
- Telecom source: 76% e-rate
24% local
- Materials cost: \$3,500.00
- Materials source: 100% local
- Equipment cost: \$14,000.00
- Equipment source: 100% local
- Maintenance cost: \$53,024.00
- Maintenance source: 100% local
- Staff development cost: \$35,000.00
- Staff development source: 100% local, including grants
- Miscellaneous cost: \$35,250.00
- Miscellaneous source: 100% local
- Total: 161,250.00

EVALUATION

Evaluation Process:

Faculty and staff will be surveyed regularly to evaluate the current technology infrastructure as well as classroom-level performance of technology resources.

The GCSD Technology Committee will meet regularly to address the technology plan, to monitor progress, and make appropriate adjustments and to evaluate effectiveness and recommend changes in goals and objectives. District administrators, with the assistance of the campus instructional technologist, will be responsible for reviewing the plan and seeking final approval from the school board.

Findings will be communicated to school faculty and staff and shared with community members via email and postings on the district website (www.GuthrieJags.net).

Evaluation Method:

The following key indicators will allow us to evaluate the effectiveness of our technologies:

Integration of Technology into Instruction:

- a) Review lesson plans, expecting increased evidence of technology integration.
- b) Conduct formal and informal classroom observations, expecting increased evidence of technology integration.
- d) Adopt curriculum resources that promote and encourage technology integration.
- e) Increased technology staff development opportunities available to teachers.

Increasing Ability of Teachers to Teach:

- a) Increase technology staff development opportunities available to teachers.
- b) Increase teacher access to technology resources.
- c) Provide curriculum resources that promote and encourage technology integration.
- d) Monitor utilization of technology resources.

Enabling Students to Meet Academic Standards:

- a) Increase student access to technology resources.
- b) Increase student participation in online courses.
- c) Increase student participation in dual credit courses.
- d) Increase enrollment in Technology Applications courses.
- e) Monitor utilization of technology resources.

Acquiring and Deploying Technologies:

- a) Purchase new technologies that directly support the goals and objectives of the technology plan.
- b) Maintain current technologies that directly support the goals and objectives of the technology plan.
- c) Increase staff participation at regional and state technology conferences.
- d) Increase technology staff development opportunities available to teachers.

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