

GUTHRIE CSD Technology Plan

2011 - 2014

Nelson Coulter

Superintendent

DISTRICT PROFILE

ESC Region 17
City, State Zip GUTHRIE, TX 79236
Phone (806) 596-4466
Fax (806) 596-4519
County District Number 135001

| | |
|------------------------------------|-----------|
| Number of Campuses | 1 |
| Total Student Enrollment | 116 |
| District Size | Under 500 |
| Percent Econ. Disadvantaged | 32.20% |

| | |
|---|---|
| Technology Expenditures | \$154,250.00 |
| Technology budgets reported in plan by category | Teaching and Learning Budget \$2,000.00 Educator Preparation and Development Budget \$33,500.00 Leadership, Administration and Support Budget \$65,274.00 Infrastructure for Technology Budget \$53,476.00 Total: \$154,250.00 |
| Technology Expenditure Per Pupil | \$1,329.74 |
| Number of Campuses with Direct Connection to Internet | 1 |
| Percentage of Campuses with Direct Connection to Internet | 100.00% |
| Number of Classrooms with Direct Connection to Internet | 22 |
| Percentage of Classrooms with Direct Connection to Internet | 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 | 0.00 % |

Plan Introduction

Plan Last Edited 11/10/2010

Plan status: not submitted
Years Included in the Plan: 2011 - 2014
Number of years covered by the plan: 3

Does the district file E-Rate? yes

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

Technology Planning Committee

Nelson Coulter(Superintendent)
Kevin Chisum (Principal)
Darren Wilson (Technology Coordinator)
Vickie Dodson (Counselor)
Lynn Hill(Elementary Teacher)
Marianna Graves (Secondary Teacher)
Kent Ballard(Parent)
Quincy McMorries(Student)
Gus Garrison (Student)
JoAnn Shipman (Librarian)

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 receives support from the Region 17 Education Service Center and the Rolling Plains Educational Technology Consortium.

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 3rd through 12th grade students are using a school-issued laptop computer.
- c) Kindergarten through 2nd grade students have 2-to-1 access to laptop computers in their classrooms.
- d) All Pre-K students have 1-to-1 access to laptop computers in their classroom.
- e) There is 100% wireless network/internet coverage throughout the district.
- f) Interactive whiteboards are installed and in use in 15 of the 22 district classrooms.
- g) Digital Projectors are installed and in use in 20 of the 22 district classrooms.
- h) Network servers are in place, providing access to software applications, instructional resources and student work.
- i) Internet access, Texas Library Connection, and automated checkout is in place in the library.
- j) Seven campus security cameras are in place for increased school safety.
- k) A written Acceptable Use Policy, including an Internet Safety Plan is in place.
- l) A Distance Learning Lab (ITV) is available for students, teachers, and community members.
- m) All students and staff members in the school district have access to the internet through a 10M fiber optic connection through Caprock Cooperative.
- n) Phone access is available in every instructional area, including VOIP for long distance within the Rolling Plains Consortium.

Technology Needs:

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

- a) Maintain a three-year replacement cycle for all teacher and administrator laptops.
- b) Maintain a four-year replacement cycle for all Pre-Kindergarten through 12th grade student laptops.
- c) Maintain the 1-to-1 student/laptop ratio in grades 3-12 and the 2-to-1 student/laptop ratio for grades K-2.
- d) Maintain a five-year replacement cycle for all network infrastructure appliances: servers, firewalls, filters, switches, and access points.
- e) Provide 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 via ITV and online learning programs.
- h) Consider increasing internet bandwidth from 10m to 20m based on growing instructional needs.
- i) Enhance campus security by maintaining and upgrading the campus security system, installing wireless cameras and keyless entry systems.

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 Amount \$1,000.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 04a, 07, 12

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|---|--|------------------------------|-------------------------|---------------------|
| 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. LEA LRPT Correlates: I09, LAS10, TL05, TL07, TL08 | State: Original Status: Planned | Aug 2010 - May 2011 | Teachers | Student projects |
| 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. LEA LRPT Correlates: I09, LAS12, TL01, TL02, TL05, TL09, TL10, TL11 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal, Librarian | Availability |
| 1.1.3: | Support teachers in developing classroom websites and online resources to share lessons, monitor student progress and establish regular communications with parents and students, by implementing teacher web sites and by maintaining the district web site. LEA LRPT Correlates: I01, I09, LAS11, TL04, TL07, TL09, TL15, TL16 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal | Access to resources |

OBJECTIVE 1.2:

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

Budget Amount \$1,000.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

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

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|--|--|------------------------------|------------------------|----------------------|
| 1.2.1: | Develop strategies to 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. LEA LRPT Correlates: LAS01, TL01, TL08 | State: Original Status: Planned | Aug 2010 - May 2011 | Teachers | Teacher lesson plans |

| | | | | | |
|--------|--|--|------------------------------|-----------|--------------|
| 1.2.2: | Provide students with research-based materials and instruction as noted above. LEA LRPT Correlates: LAS10, LAS15, TL01, TL02, TL03, TL13 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal | Lesson plans |
| 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. LEA LRPT Correlates: TL01, TL08 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal | Schedule |
| 1.2.4: | Develop strategies to 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. LEA LRPT Correlates: TL06 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal | STaR Chart |

OBJECTIVE 1.3:

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

Budget Amount \$0.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

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

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|--|--|------------------------------|------------------------|--------------|
| 1.3.1: | Integrate the TA TEKS within the foundation curriculum at each grade level. LEA LRPT Correlates: TL03, TL08, TL09, TL11, TL12, TL14, TL15 | State: Original Status: Planned | Aug 2010 - May 2011 | Teachers | Lesson plans |
| 1.3.2: | Provide specialized courses in Technology Applications in middle school. LEA LRPT Correlates: TL01, TL08, TL09 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal | Schedule |

OBJECTIVE 1.4:

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

Budget Amount \$0.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 04a, 07, 08, 12

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|--|--|------------------------------|------------------------|-----------|
| 1.4.1: | Support the use of technology to promote student-centered learning across geographic and cultural boundaries that include business and industry, by continuing to offer interactive video classes and online courses. LEA LRPT Correlates: I01, I09, TL08, TL13 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal | Schedule |

| | | | | | |
|---------------|---|---|--|---|--|
| <p>1.4.2:</p> | <p>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.</p> <p>LEA LRPT Correlates: I03, I08, TL09, TL15, TL16</p> | <p>State: Original</p> <p>Status: Planned</p> | <p>Aug 2010 - May 2011</p> | <p>Principal, District Technologist</p> | <p>parental involvement in school activities</p> |
|---------------|---|---|--|---|--|

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 Amount \$2,000.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

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

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|---|--|---------------------|--|-----------------------------|
| 2.1.1: | Provide a minimum of 18 hours professional development for teaching and integrating Technology Applications into the foundation and enrichment TEKS through multiple delivery methods. LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP06, EP07, EP08, EP09, I01, LAS06, LAS10, LAS12 | State: Original Status: Planned | Aug 2010 - May 2011 | Rolling Plains Technology Consortium Coordinator | Schedule, Participation |
| 2.1.2: | Provide continuing professional development for teachers certified to teach the Technology Applications courses as identified in SBEC Technology Applications standards VI – XI. LEA LRPT Correlates: EP02, EP04, EP05, EP06, EP07, EP08, I01, LAS03, LAS06, LAS13 | State: Original Status: Planned | Aug 2010 - May 2011 | Rolling Plains Technology Consortium Coordinator | Schedule, Participation |
| 2.1.3: | Document progress of teachers toward mastery of Technology Applications Educator Standards I – V using the Texas Teacher STaR chart. LEA LRPT Correlates: EP05 | State: Original Status: Planned | Aug 2010 - May 2011 | Technology Coordinator | STaR Chart |
| 2.1.4: | Encourage participation in statewide, technology professional development opportunities, such as TCEA, distance learning conferences. LEA LRPT Correlates: EP01, EP02, EP06, LAS03 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal | Available funds, Attendance |

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 Amount \$0.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 04a

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|--|--|---------------------|------------------------|-----------|
| 2.2.1: | Provide training on the use of electronic tools and information to support sound, data-driven decision-making. LEA LRPT Correlates: EP01, EP06, EP07, EP08, LAS12 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal | Schedule |

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 Amount \$1,500.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02

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

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|--|--|---------------------|--|--|
| 2.3.1: | Provide instructional coaches and mentors (instructional technologists) to support online learning. LEA LRPT Correlates: EP01, EP09 | State: Original Status: Planned | Aug 2010 - May 2011 | Administration | Documentation of working relationships |
| 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. LEA LRPT Correlates: EP01, EP02, EP04, EP06, EP07, EP08, I09, LAS03 | State: Original Status: Planned | Aug 2010 - May 2011 | Rolling Plains Technology Consortium Coordinator | Schedule, Registration, Participation |

OBJECTIVE 2.4:

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

Budget Amount \$30,000.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 07, 09, 12

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|---|--|---------------------|----------------------------------|----------------|
| 2.4.1: | Provide instructional coaches and mentors (instructional technologists) to support classroom efforts in using technology to improve learning in core curriculum areas. LEA LRPT Correlates: EP08, EP09 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal, District Technologist | Class Schedule |

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 Amount \$0.00

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

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|--|--|---------------------|------------------------|--|
| 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. LEA LRPT Correlates: I02, I03, I07, LAS01, LAS02, LAS04, LAS05, LAS07, LAS08, LAS09, LAS13, LAS14 | State: Original Status: Planned | Aug 2010 - May 2011 | Administration | Adoption of Technology Plan, Allocation of resources |
| 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. LEA LRPT Correlates: LAS02, LAS06 | State: Original Status: Planned | Aug 2010 - May 2011 | Superintendent | Budget approval |

OBJECTIVE 3.2:

Planning: The district incorporates planning in the campus improvement plan and has a technology planning process.

Budget Amount \$19,250.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 11, 12

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|--|--|---------------------|------------------------|--------------------------|
| 3.2.1: | Incorporate ongoing technology planning and professional development in classroom, library, campus and district improvement plans. LEA LRPT Correlates: LAS01, LAS02, LAS03, LAS08 | State: Original Status: Planned | Aug 2010 - May 2011 | Administration | completed, adopted plans |
| 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. LEA LRPT Correlates: LAS14 | State: Original Status: Planned | Aug 2010 - May 2011 | Admin | Documentation |
| 3.2.3: | Coordinate the use of electronic data in district planning to support research-based decision-making focused on | State: Original | Aug 2010 - | Admin | approved district plans |

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|--|--------------------|-------------|--|--|
| student success (RSCCC, Student Services programs, PEIMS). LEA LRPT Correlates: LAS08 | Status: Planned | May 2011 | | |
|--|--------------------|-------------|--|--|

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 Amount \$30,024.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 03, 09, 10, 12

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|--|--|------------------------------|---|--|
| 3.3.1: | Provide technical support (technology coordinator) to teachers. LEA LRPT Correlates: I06, LAS10 | State: Original Status: Planned | Aug 2010 - May 2011 | District Technologist | Work orders, STaR Chart |
| 3.3.2: | Provide appropriate technology professional development opportunities during the academic year for teachers and staff using a variety of delivery systems. LEA LRPT Correlates: I06, TL08, TL09, TL10, TL11, TL12, TL13 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal | Scheduled courses, Availability of resources |
| 3.3.3: | Provide summer professional development opportunities in collaboration with the Rolling Plains Technology Consortium. LEA LRPT Correlates: I01, I06, LAS15, TL04, TL09 | State: Original Status: Planned | Aug 2010 - May 2011 | Rolling Plains Technology Consortium Coordinator | Availability of resources, Written agreements |

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 Amount \$0.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 05, 06, 07, 08, 12

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|---|--|------------------------------|------------------------|----------------------------------|
| 3.4.1: | Collaborate with representatives from PreK-12, higher education, parents, businesses and community to share resources and services. LEA LRPT Correlates: I08, I09, LAS15, TL08, TL09, TL10, TL12, TL13 | State: Original Status: Planned | Aug 2010 - May 2011 | Superintendent | Payment of membership fee |
| 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. LEA LRPT Correlates: I01, I09, TL08, TL09, TL10, TL12, TL13 | State: Original Status: Planned | Aug 2010 - May 2011 | Superintendent | Payment of membership fees |

| | | | | | |
|--------|--|--|------------------------------|-------------------------|---|
| 3.4.3: | Work with ESC 17 to provide adult education classes for community members. LEA LRPT Correlates: I09, LAS15, TL09, TL12, TL13 | State: Original Status: Planned | Aug 2010 - May 2011 | Principal, Counselor | Enrollment, Completion of classes |
| 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. LEA LRPT Correlates: LAS02, LAS07, LAS13 | State: Original Status: Planned | Aug 2010 - May 2011 | Administration | Available resources |

OBJECTIVE 3.5:

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

Budget Amount \$0.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
 NCLB Correlates: 01, 02, 03, 04b, 06, 07, 08, 12

| Strategies | State/Status: | Timeline: | Person(s) Responsible: | Evidence: | |
|------------|---|--|------------------------------|--|---|
| 3.5.1: | Coordinate funding for technology from state, local, and federal programs. LEA LRPT Correlates: LAS01, LAS02, LAS03, LAS04, LAS05, LAS06, LAS07 | State: Original Status: Planned | Aug 2010 - May 2011 | Administration, Site based committee | Written plans |
| 3.5.2: | Move toward allocating at least 30% of technology budget for professional development. LEA LRPT Correlates: LAS07, LAS13 | State: Original Status: Planned | Aug 2010 - May 2011 | Administration | Committee roster, Minutes of meetings |
| 3.5.3: | Identify and apply for external funding to support integration of technology and purchase of technology resources. LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, LAS03, LAS12 | State: Original Status: Planned | Aug 2010 - May 2011 | Administration | Appraisal documents, STaR Charts |

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 Amount \$16,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
 NCLB Correlates: 01

| Strategies | State/Status: | Timeline: | Person(s) Responsible: | Evidence: | |
|------------|---|--|------------------------------|---|---|
| 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 | Aug 2010 - May 2011 | District Administration and District Technologist | Presence and Operation of Security Cameras |

| | | | | | |
|--------|--|--|------------------------------|-------|-----------------------------------|
| | LEA LRPT Correlates: TL09, TL14 | | | | |
| 3.6.2: | Maintain membership in the Region 17 Distance Learning Network. LEA LRPT Correlates: LAS13 | State: Original Status: Planned | Aug 2010 - May 2011 | Admin | shared services arrangement |
| 3.6.3: | Maintain membership in the Rolling Plains Educational Technology Consortium. LEA LRPT Correlates: LAS13 | State: Original Status: Planned | Aug 2010 - May 2011 | Admin | shared services arrangement |

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 Amount \$0.00
LRPT category: Infrastructure for Technology

E-Rate Correlates:
 NCLB Correlates: 03, 09

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|---|--|---------------------|--|--|
| 4.1.1: | Maintain a 6th through 12th grade student/laptop ratio of 1:1, a pre-k through 5th grade student/laptop ratio of 2:1, and a teacher/laptop ratio of 1:1. LEA LRPT Correlates: I01, I05, I06, I08, I09 | State: Original Status: Planned | Aug 2010 - May 2011 | District Superintendent Board of Trustees | Operation of the Network |
| 4.1.2: | Maintain and support an obsolescence policy to ensure maximum efficiency and use of technology and infrastructure by all students. LEA LRPT Correlates: I01, I03, I06, I08, I09, LAS11, TL15, TL16 | State: Original Status: Planned | Aug 2010 - May 2011 | District Superintendent District Principal District Technologist | Availability of Sources of Communication |
| 4.1.3: | Provide secure wireless access in every classroom and office throughout the district. Comments: Funded through Federal Education Sources and Local Technology Allotment. LEA LRPT Correlates: I01, I02, I05, TL09 | State: Original Status: Planned | Aug 2010 - May 2011 | District Technologists | Presence of wireless access in all areas of the district building. |

OBJECTIVE 4.2:

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

Budget Amount \$20,476.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER02
 NCLB Correlates: 01, 03, 06, 12

| Strategies | | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|------------|---|--|---------------------|---|---|
| 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 the Rolling Plains Consortium). LEA LRPT Correlates: I03, LAS04, LAS07, LAS13, TL15 | State: Original Status: Planned | Aug 2010 - May 2011 | District Administration and District Technologist | Community Participation in the Technology Committee |
| 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 | State: Original Status: Planned | Aug 2010 - May 2011 | District Administration and District Technologist | Adequate number of computers per student |

| | | | | |
|---|---------|--|--------------|--|
| (cable channel, school web site, teacher web sites). LEA LRPT Correlates: I04, I05, TL09 | Planned | | Technologist | |
|---|---------|--|--------------|--|

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 Amount \$10,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01, ER02
NCLB Correlates: 03

| Strategies | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|---|------------------------------------|---------------------|-------------------------------|---------------------------|
| 4.3.1: Continue use of interactive white boards and projector systems in all classrooms. LEA LRPT Correlates: I01, I09, TL05, TL08 | State: Original Status: Planned | Aug 2010 - May 2011 | Tech Coordinator and teachers | lesson plans, observation |

OBJECTIVE 4.4:

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

Budget Amount \$23,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 05, 06, 12

| Strategies | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|--|------------------------------------|---------------------|------------------------|---------------------------|
| 4.4.1: Ensure all data is secure and accurate by maintaining firewall, backup servers, offsite backup and remote monitoring. LEA LRPT Correlates: I01, I02, I03, I04, I06, I07, I09 | State: Original Status: Planned | Aug 2010 - May 2011 | Technologist | availability of resources |

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 Amount \$0.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 03, 05, 12

| Strategies | State/Status: | Timeline: | Person(s) Responsible: | Evidence: |
|--|------------------------------------|---------------------|------------------------|--------------------------|
| 4.5.1: Maintain a robust local area network, including wiring, servers, switches, wireless access points, racks and computers. LEA LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08, I09 | State: Original Status: Planned | Aug 2010 - May 2011 | Technologist | availability of services |
| 4.5.2: Provide and maintain an infrastructure for | State: | Aug | Technologist | Availability of |

| | | | | | |
|---|---|--|------------------------------|-------------------------------|---|
| | 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). LEA LRPT Correlates: I01, I02, I03, I04, I05, I06, I07, I08, I09 | Original Status: Planned | 2010 - May 2011 | | services |
| <p>OBJECTIVE 4.6:</p> <p>Distance Learning Capacity: The district will provide access to distance learning opportunities.</p> <p><i>Budget Amount \$0.00</i></p> <p><i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: NCLB Correlates: 02, 05, 12</p> | | | | | |
| <i>Strategies</i> | | <i>State/Status:</i> | <i>Timeline:</i> | <i>Person(s) Responsible:</i> | <i>Evidence:</i> |
| 4.6.1: | Provide technology resources for students to take high school courses and dual credit courses via interactive video and the Internet. LEA LRPT Correlates: I01, I02, I06, I09 | State: Original Status: Planned | Aug 2010 - May 2011 | Admin | Registration, completion of courses |

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 year 2011 | | |
|--------------------------------------|---------------------|--|
| Budget item | Cost | Funding Sources with amount per source |
| Staff Development | \$32,000.00 | 97% local, includign grants 3% Rolling Plains Tech Consortium |
| Telecommunications & Internet Access | \$20,476.00 | 76% errate 24% Rolling Plains Tech Consortium |
| Materials & Supplies | \$3,500.00 | 40% local 60% Rolling Plains Tech Consortium |
| Equipment | \$10,000.00 | 100% local |
| Maintenance | \$53,024.00 | 60% local 40% Rolling Plains Tech Consortium |
| Miscellaneous Expenses | \$35,250.00 | 60% local 40% Rolling Plains Tech Consortium |
| Total | \$154,250.00 | |

| Budget year 2012 | | |
|--------------------------------------|---------------|---|
| Budget item | Cost | Funding Sources with amount per source |
| Staff Development | \$0.00 | |
| Telecommunications & Internet Access | \$0.00 | |
| Materials & Supplies | \$0.00 | |
| Equipment | \$0.00 | |
| Maintenance | \$0.00 | |
| Miscellaneous Expenses | \$0.00 | |
| Total | \$0.00 | |

| Budget year 2013 | | |
|--------------------------------------|---------------|---|
| Budget item | Cost | Funding Sources with amount per source |
| Staff Development | \$0.00 | |
| Telecommunications & Internet Access | \$0.00 | |
| Materials & Supplies | \$0.00 | |
| Equipment | \$0.00 | |
| Maintenance | \$0.00 | |
| Miscellaneous Expenses | \$0.00 | |
| Total | \$0.00 | |

Evaluation

Evaluation Process:

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

The GCSO Technology Committee will meet annually 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 ITV and 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.

GUTHRIE CSD 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.