

GOLD BURG ISD Technology Plan

2016 - 2019

Roger Ellis

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 9
City, State Zip BOWIE, TX 76230-9801
Phone (940) 872-3562
Fax (940) 872-5933
County District Number 169906

Number of Campuses	1
Total Student Enrollment	143
District Size	Under 500
Percent Econ. Disadvantaged	45.00%

Technology Expenditures	\$169,050.00										
Technology budgets reported in plan by category	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">Teaching and Learning Budget</td> <td style="text-align: right;">\$6,000.00</td> </tr> <tr> <td>Educator Preparation and Development Budget</td> <td style="text-align: right;">\$4,350.00</td> </tr> <tr> <td>Leadership, Administration and Support Budget</td> <td style="text-align: right;">\$10,800.00</td> </tr> <tr> <td>Infrastructure for Technology Budget</td> <td style="text-align: right;">\$147,900.00</td> </tr> <tr> <td>Total:</td> <td style="text-align: right;">\$169,050.00</td> </tr> </table>	Teaching and Learning Budget	\$6,000.00	Educator Preparation and Development Budget	\$4,350.00	Leadership, Administration and Support Budget	\$10,800.00	Infrastructure for Technology Budget	\$147,900.00	Total:	\$169,050.00
Teaching and Learning Budget	\$6,000.00										
Educator Preparation and Development Budget	\$4,350.00										
Leadership, Administration and Support Budget	\$10,800.00										
Infrastructure for Technology Budget	\$147,900.00										
Total:	\$169,050.00										
Technology Expenditure Per Pupil	\$1,182.17										
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	17										
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
CIPA Compliance	CIPA compliance was certified by the district on 04/22/2016. In accordance with the Children's Internet Protection Act, Gold-Burg Independent School District educates staff and students regarding appropriate online behavior, including interacting with other individuals on social networking websites (including chat rooms). Gold-Burg ISD also educates staff and students on cyber bullying awareness to insure Internet safety, including use of email and Web 2.0 resources, and has deployed filtering technology and protection measures to restrict access to inappropriate content such as those that are illegal, harmful, or contain potentially offensive information. While every effort is made to provide the most secure and optimal learning environment by monitoring on-line activities, it is not possible to absolutely prevent access (accidental or otherwise) to inappropriate content. It is possible that you may run across areas of adult content and some material you (or your parents) might find objectionable. While the district will take reasonable steps to restrict access to such material, it is not possible to absolutely prevent such access. It is each student's responsibility to read district policy, regulations and agreement forms and ask questions if you need help in understanding and following the guidelines for appropriate and acceptable use.

Plan Introduction

Plan Last Edited 04/22/2016

Plan status: submitted
Years Included in the Plan: 2016 - 2019
Number of years covered by the plan: 3

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

Technology Planning Committee

Aaron Tefertiller, Principal
Charlotte Haley, Technology Coordinator
Michael Taylor, Math Teacher
Jalaina Garcia, Elementary Teacher

Executive Summary

Gold-Burg ISD is a small rural community located in the community of Stoneburg, Texas in Montague County. Stoneburg is located approximately 10 miles North of Bowie, Texas on Highway 81 and serves the communities of Ringgold and Stoneburg. The district currently has 143 students in grades PK-12. As of the snapshot in November 2015, the district population had 45.45% economically disadvantaged students. Our mission states that Gold-Burg ISD is committed to preparing students for the future by providing diverse growth experiences in academics, vocational experiences, and technology. In an effort to achieve our mission and maintain a global technological learning environment, Gold-Burg ISD is committed to providing resources that will enable students to have access to various components of the technology world. As part of the planning process, we have outlined the following goals and strategies to serve as a guide as we strive to achieve this type of learning environment. Gold-Burg ISD is committed to providing the necessary resources to allow teachers the opportunity to implement strategies developed through training and development. The teaching learning process can be greatly enhanced using existing technology and incorporating new technologies as they become available. Existing equipment will be used in some areas and upgraded to maintain efficiency. Monies will be allocated to maintaining the distance learning lab so that students may have opportunities for online Dual-Credit courses, credit recovery courses, RTI, virtual field trips, and foreign language courses. New equipment will be needed as we implement other portions of the plan. The school will provide increased mobility of computing through more wireless access points and portable computing devices. Bandwidth infrastructure needs will be assessed and modified as needed. Subject specific software and equipment will also be needed in the areas of math and science. Because technology is a moving entity, and new and emerging technologies are becoming available daily, the Plan is intended as a framework that we can build on, and not as an end all. This plan is a work-in-progress and may be modified at any time to address the needs of our school. In order to attain this plan, the Board has made a commitment to provide adequate funding to address the needs of this plan. Various funding sources will be used in the implementation of the plan. It is our desire to provide the most up to date technology and to adhere to the State Board of Education's Long Range Plan for Technology. E-rate will serve as a funding incentive. The goals and objectives of this plan were developed to meet the requirements of E-Rate and NCLB. Looking forward, we will pursue fiber to meet increasing bandwidth needs as funding and infrastructure options are available. In closing, Gold-Burg ISD is committed to

providing opportunities for students to gain knowledge and skills in the area of technology. This plan is designed to facilitate the implementation of programs designed to meet this need.

Needs Assessment

Assessment Process:

Gold-Burg I.S.D. used local needs assessments to gather information from teachers, staff, and administration and analyze the current status of technology in the school and to determine future needs. Hardware and software was inventoried as well. The small size of our district enables district administrators to easily analyze not only the state of the hardware available to students and staff but also to evaluate technology integration in the classroom. Recommendations from the School Improvement Campus Leadership Team and the Technology Committee were considered in order to provide additional technology tools and support for core subjects.

Existing Conditions:

Findings from the needs analysis are as follows:

1. Gold-Burg I.S.D. has two computer labs with 38 desktop workstations for students.
2. We have one computer for every two students. Each teacher has a dedicated workstation.
3. All classroom, students, and teachers have access to technology resources.
4. All classrooms have a projector.
5. We have two mobile distance learning stations. The distance-learning lab is used primarily for Spanish instruction but is available for other instruction and electronic field trips as scheduling permits.
6. We have nine whiteboards with dedicated laptops for each.
7. We have five document cameras.
8. We have four servers. (one year, four years, five years, and nine years old)
9. We have three digital cameras and one video cameras.
10. We have nine networked laser printers.
11. We have one networked Xerox Copier.
12. We have wireless internet connected to Region 9 Education Center for Internet and Distance Learning.
13. The Campus STAR Chart Summary from spring 2016 indicated that we are classified as Developing Tech to Advanced Tech in all areas.
14. The district uses School Messenger, Facebook, and the district website as a method of improving communication with parents, students, faculty, and staff.
15. All classrooms have access to wireless internet for both teachers and students.

Technology Needs:

The assessment process used in the above section identified the following technology needs for Gold-Burg Independent School District:

1. Add, maintain, and upgrade existing technology equipment.
2. Maintain a viable infrastructure.
3. Upgrade wireless infrastructure.
4. Improve communication with all stakeholders.
5. Continued staff development on technology utilization and integration.
6. Utilize online technology resources for RTI and STAAR preparation in support of core curriculum.

Goals, Objectives, and Strategies

GOAL 1: Maintain a viable and relevant infrastructure.					
OBJECTIVE 1.1:					
Maintain and upgrade network infrastructure.					
<i>Budget Amount \$86,400.00</i>					
<i>LRPT category: Infrastructure for Technology</i>					
E-Rate Correlates: ER01, ER02					
NCLB Correlates: 03, 05, 06, 08, 12					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.1.1:	Continue wireless access to Region 9 ESC as our ISP and manage Meraki internet filter. Increase bandwidth as needed. Consider future options for fiber infrastructure.	State: Original Status: In Progress	2016-2019	Superintendent	Internet access in all classrooms and offices.

	LEA LRPT Correlates: I01, I02, I03, I05, I06, I09, LAS01, LAS02, LAS03, LAS05, LAS08, LAS09, TL04, TL05, TL06, TL08, TL09, TL15, TL16				
1.1.2:	Maintain virus protection software on all computers. LEA LRPT Correlates: I02, I03, I05, I06, I07, TL15, TL16	State: Original Status: In Progress	2016-2019	Superintendent, Technology Coordinator	Virus protection software installed on all computers in district.
1.1.3:	Distance learning equipment will be maintained so students and staff will have access to courses, professional development, and enrichment opportunities beyond classroom boundaries. LEA LRPT Correlates: I02, I05, I06, LAS10, LAS15, TL08, TL09, TL10, TL13, TL15, TL16	State: Original Status: In Progress	2016-2019	Superintendent, Technology Coordinator	Distance Learning equipment functional at all times
1.1.4:	Purchase and maintain current technologies including but not limited to wireless access points, whiteboards, digital cameras, projectors, document cameras, printers, and other advanced technologies. LEA LRPT Correlates: I01, I02, I04, I05, I06, I09, TL08, TL09, TL15	State: Original Status: In Progress	2016-2019	Superintendent, Technology Coordinator	Instructional technology tools utilized by classroom teachers as noted in PDAS evaluation.

OBJECTIVE 1.2:

Workstations and laptops will be maintained, upgraded and purchased.

Budget Amount \$30,000.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03, 05

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.2.1:	Technology Coordinator upgrades and maintains existing workstations by adding memory and replacing hard drives. Comments: This strategy indicates efficient use of funds for maintaining the major tool of the technology education infrastructure. (COMPUTER) LEA LRPT Correlates: I01, I04, I05, I07, I09, LAS01	State: Original Status: In Progress	2016-2019	Technology Coordinator	Annual technology survey indicates all staff and students have access to technology workstations
1.2.2:	Purchase and replace new workstation as needed and more as funds become available. LEA LRPT Correlates: I01, I04, I05, I06, I07, TL08, TL16	State: Original Status: In Progress	2016-2019	Technology Coordinator, Principal, Superintendent	1:1 computer to student ratio and 1:1 computer to teacher ration maintained in the district
1.2.3:	Upgrade, update, and purchase new software so that faculty and students have access to current versions. LEA LRPT Correlates: EP06, EP09, I01, I09, TL09	State: Original Status: In Progress	2016-2019	Technology Coordinator, Principal, Superintendent	Software versions that are six years old or less

1.2.4:	Purchase new computers for central computer lab as needed to provide state-of-the-art instruction in technology specific courses. LEA LRPT Correlates: I01, I04, I06, I07, I09, TL05, TL09, TL15, TL16	State: Original Status: In Progress	2016-2019	Technology Coordinator, Principal, Superintendent	Improved speed, performance, and software usage in computer lab
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OBJECTIVE 1.3:
Maintain telecommunications lines for voice/video and data.

Budget Amount \$31,500.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates:

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:	
1.3.1:	Continue telecommunications lines for voice and fax. Continue VoIP services to provide phones in all classrooms. LEA LRPT Correlates: I01, LAS04	State: Original Status: In Progress	2016-2019	Superintendent	Ongoing service

GOAL 2: Deliver technology instruction that enhances student achievement and prepares our students for the workforce they will enter after graduation.

OBJECTIVE 2.1:
Students will utilize contemporary technology as part of their core curriculum.

Budget Amount \$6,000.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 04a, 07, 08, 11

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:	
2.1.1:	Provide access to web based curriculum, STAAR enrichment programs, and online credit recovery programs. LEA LRPT Correlates: TL01, TL02, TL03, TL06, TL09, TL12	State: Original Status: In Progress	2016-2019	Principal, Technology Coordinator	Enrollment in advanced technology-based courses. Courses offered every other year.
2.1.2:	Documentation in lesson plans by secondary staff of use and implementation of technology in their curriculum. LEA LRPT Correlates: TL01, TL02, TL06, TL09, TL12, TL14	State: Original Status: In Progress	2016-2019	Principal, All Instructional Staff	PDAS evaluation indicates technology integration in all classes and staff trained on integration skills.
2.1.3:	Continue to offer distance learning classes for concurrent enrollment credit and for inter-district sharing of staff to expand curriculum offerings and to meet graduation requirements. LEA LRPT Correlates: EP01, EP03, EP06, EP08, I01, I09, TL15, TL16	State: Original Status: In Progress	2016-2019	Principal	High school graduation requirements met by all students with some students receiving college credit prior to graduation
2.1.4:	Provide instruction for students to interact with technology and teach internet safety along with awareness of the effects of cyber-bullying. LEA LRPT Correlates: TL14	State: Original Status: In Progress	2016-2019	Principal Technology Teacher	Documentation of training for all students

2.1.5:	Integrate technology into the curriculum when appropriate (examples might include but are not limited to: virtual field trips, Internet research, computer assisted instruction, interactive whiteboards, and web based curriculum.) LEA LRPT Correlates: EP09, LAS05, LAS10, LAS12, TL01, TL02, TL03, TL05, TL06, TL08	State: Original Status: In Progress	2016-2019	Principal and Teachers	Document via walk-throughs, student success, and PDAS teachers integrating technology into their classroom activities.
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OBJECTIVE 2.2:

Shift the elementary curriculum to include more rigorous instruction in the Technology Application TEKS.

Budget Amount \$0.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER02

NCLB Correlates: 01, 02, 03, 04a, 07, 08, 11

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.2.1:	Build elementary schedule to continue to provide more time in the computer lab for Technology Application TEKS instruction. LEA LRPT Correlates: EP02, TL01, TL02, TL04, TL06, TL07, TL09	State: Original Status: In Progress	2016-2019	Principal	Computer proficiency by elementary students increases
2.2.2:	Increase participation in electronic field trips and use of United Streaming instructional videos. LEA LRPT Correlates: EP05, TL15, TL16	State: Original Status: In Progress	2016-2019	Principal, Elementary teachers	Documentation data and lesson plans shows increase in participation from previous year.

GOAL 3: Provide the necessary training for all teachers to integrate technology effectively into their curriculum area and instructional methods and to equip them to meet or exceed the Technology Application Standards.

OBJECTIVE 3.1:

Professional development will be provided to all staff on external technology resources available to them.

Budget Amount \$0.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01, 02, 04b, 06, 07, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	Early release days will be provided so that Region 9 ESC personnel can provide staff development on on-line databases, curriculum support, on-line media catalog and other resources available through membership in Co-op. LEA LRPT Correlates: EP01, EP03, EP04, EP05, EP07, EP08, LAS10, TL05, TL06, TL07	State: Original Status: In Progress	2016-2019	Superintendent, Principal, Technology Coordinator	Documentation on school calendar of early release days and workshop registration forms.
3.1.2:	All new employees will be trained in the use of electronic gradebook and email. LEA LRPT Correlates: TL06	State: Original Status: In Progress	2016-2019	Principal, Technology Coordinator	All employees electronically submitting grades and corresponding electronically with peers and administration

OBJECTIVE 3.2:

All instructional staff members will receive training annually on technology integration.

Budget Amount \$4,350.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

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

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1: Continue to provide staff development that targets technology integration into classroom instruction. LEA LRPT Correlates: EP03, EP04, EP05, EP07, EP08, LAS03, TL03	State: Original Status: Completed	2016-2019	Superintendent, Principal	Certification from Region 9
3.2.2: Send staff members to technology training opportunities, such as the Region 9 Technology Conference. LEA LRPT Correlates: EP03, EP05, EP07, EP08, EP09, TL02	State: Original Status: In Progress	2016-2019	Superintendent, Principal	Staff members attending Technology/Media Conference

GOAL 4: Expand community access to school information through technology.

OBJECTIVE 4.1:

Increase community awareness of student performance data and resources available.

Budget Amount \$9,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 01, 08, 09

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.1.1: Provide parents with URL for accessing school accountability data annually. LEA LRPT Correlates: I08, LAS09, LAS11, LAS13, TL14, TL15	State: Original Status: In Progress	2016-2019	Principal, Technology Coordinator	Copies of these correspondence kept in principal's office
4.1.2: Communicate with parents via text message, email, and phone using School Messenger Communication System, Facebook, and District website. Comments: Implemented School Messenger Communication system in October 2010 to communicate with parents via phone, email, and text message. LEA LRPT Correlates: I08, LAS01, LAS13, TL15	State: Original Status: In Progress	2016-2019	Principal, Technology Coordinator	Reports generated by School Messenger.
4.1.3: Provide access for community members to districts computer lab and library. LEA LRPT Correlates: I08, LAS07, LAS09, TL15	State: Original Status: In Progress	2016-2019	Principal, Technology Coordinator	Log books indicate community involvement
4.1.4: Maintain adequate voice communication service. LEA LRPT Correlates: I01, I08	State: Original	2016-2019	Principal, Superintendent	Invoices from communications providers.

		Status: In Progress			
OBJECTIVE 4.2:					
Update district web page on a bi-monthly basis to include up-to-date news, calendar of events and parental involvement opportunities.					
<i>Budget Amount \$1,800.00</i>					
<i>LRPT category: Leadership, Administration and Support</i>					
E-Rate Correlates: ER01					
NCLB Correlates: 01, 02, 06, 09, 10					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.1:	Continue to include web mastering in the curriculum so that students obtain the skills necessary to maintain and update web page. LEA LRPT Correlates: EP05, I02, TL06, TL08, TL12	State: Original Status: In Progress	2016-2019	Principal, Technology Coordinator	Web page accessible to public; hosted by Region 9 ESC
4.2.2:	Administration will send notification via e-mail to the technology coordinator regarding updates on events and parent involvement opportunities. These updates include but are not limited to adult literacy training and GED in Spanish via distance learning. They will be posted on the schools web site. LEA LRPT Correlates: I08, LAS08, LAS09, TL15	State: Original Status: In Progress	2016-2019	Technology Coordinator, Principal	Web page updated at minimum on a bi-monthly basis

Budget

Budget year 2016		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$1,450.00	100% Local Funds
Telecommunications & Internet Access	\$39,300.00	80% E-rate Discount/Reimbursal 20% Local Funds
Materials & Supplies	\$2,000.00	100% Local Funds
Equipment	\$10,000.00	100% Local Funds
Maintenance	\$3,000.00	100% Local Funds
Miscellaneous Expenses	\$600.00	100% Local Funds
Total	\$56,350.00	

Budget year 2017		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$1,450.00	100% Local Funds
Telecommunications & Internet Access	\$39,300.00	80% E-rate Discount/Reimburse 20% Local Funds
Materials & Supplies	\$2,000.00	100% Local Funds
Equipment	\$10,000.00	100% Local Funds

Maintenance	\$3,000.00	100% Local Funds
Miscellaneous Expenses	\$600.00	100% Local Funds
Total	\$56,350.00	

Budget year 2018

Budget item	Cost	Funding Sources with amount per source
Staff Development	\$1,450.00	100% Local Funds
Telecommunications & Internet Access	\$39,300.00	80% E-rate Discount/Reimburse 20% Local Funds
Materials & Supplies	\$2,000.00	100% Local Funds
Equipment	\$10,000.00	100% Local Funds
Maintenance	\$3,000.00	100% Local Funds
Miscellaneous Expenses	\$600.00	100% Local Funds
Total	\$56,350.00	

Evaluation

Evaluation Process:

The Technology Plan will be evaluated on a quarterly basis to assure that the strategies of the plan are being implemented. The evidence for each strategy will be assessed to ensure the effectiveness of the goals. Yearly surveys will be distributed to teachers, administrators, staff, and students to assess the current status of equipment, to identify needs, and to list future technology resources to be considered for implementation. The Texas STaR Chart will be completed annually to help administration further assess the current level of technology in the areas of Teaching and Learning, Educator Preparation and Development, Administration and Support Services, and Infrastructure for Technology.

Evaluation Method:

Please refer to the Goals section under the category of evidence to find the accountability methods and measures that will be used at Gold-Burg Independent School District. In the Goals section, each strategy has an identified evidence for verifying completion. The Principal will evaluate each of the individual evidences to ensure success of this technology plan and will be responsible for ensuring that time-lines are met.

Appendix

Attachment item A:

School policies including the Technology Safety Policy and the Student Handbook are linked to this site on the link for students.

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

Attachment item B:

Acceptable Use Policy

- Web site: <http://www.goldburgisd.net/?PageName=%27Handbook%27>

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