Farmersville ISD

Long Range Technology Plan

2016 – 2019

Jeff Adams

Superintendent

ESC Region:	10
City, State, Zip:	Farmersville, TX 75442
Phone:	(972) 782-6601
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County District Number:	043904
Number of Campuses:	4
Total Student Enrollment:	1564
Percent Economically Disadvantaged:	53.0%
Technology Expenditures:	$279,000/Year
Number of Campuses with Direct Connection to Internet:	4
Percentage of Campuses with Direct Connection to Internet:	100.00%
Number of Classrooms with Direct Connection to Internet:	110
Percentage of Classrooms with Direct Connection to Internet:	100.00%
Computer/Student Ratio:	4:1
Computer/Teacher Ratio:	1:1
Percentage of campuses completing Clarity & STaR Chart Surveys	100.00%

Plan Introduction

Years Included in the Plan:	2016 - 2019
Number of Years Covered by the Plan:	3
Does the District File E-Rate?	Yes

Long Range Technology Planning Committee

Stakeholders who had input into the development of this plan included:

	Name	Position	Representing
1	Wiley Sullivan	Technology Director	District Leadership
2	Chase Smith	Parent	Parents
3	Bobby Bishop	Community Representative	Community Representative
4	Cheyenne Cooper	Student	High School
5	Macie Edwards	Student	Jr High School
6	Garry Jameson	Curriculum Director	District Leadership
7	Lisa Caldwell	Special Education Director	District Leadership
8	Wayne Callaway	Principal	High School Leadership
9	Josh Martin	Principal	Jr High School Leadership
10	Becky Goodwin	Principal	Intermediate School Leadership
11	Ginger Ketcher	Principal	Tatum Leadership
12	Jill Cooper	Counselor	High School
13	Chonte Reeves	Classroom Teacher - Secondary	High School
14	Brock Stull	Classroom Teacher – Secondary	High School
15	Britt Leigh Pollard	Classroom Teacher – Secondary	Junior High School
16	Heather Gray	Special Education Classroom Teacher – Secondary	Junior High School
17	Angelia Moses	Classroom Teacher - Secondary	Junior High School
18	Jennifer Salazar	Classroom Teacher – Elementary	Intermediate School
19	Lisa Morrison	Classroom Teacher & ESL Coordinator – Elementary	Intermediate School
20	Sheri Rodgers	District Librarian	Intermediate School
21	Fran Mahaffey	District Instructional Technologist & GT Teacher	Intermediate School
22	Karen Patterson	Classroom Teacher – Elementary	Tatum Elementary School

District Mission

Farmersville ISD will provide a well-rounded, quality education in a safe and orderly learning environment for all students. Each student, teacher, and administrator shall be expected to strive for excellence in all aspects of the curriculum.

Goals for Technology

The Farmersville Independent School District has created a plan to set measurable goals and deadlines for the district's steady growth, to provide the resources necessary for teachers and students, and provide the necessary support to the learning process.

Recommendations incorporated in this plan support the delivery of the Texas Essential Knowledge and Skills (TEKS) integrated with Technology Application TEKS as required by the Texas Education Agency. These recommendations supplement the instructional experience with access to technology.

Teaching and learning will provide not only content knowledge but also skills needed for success through the use of technology, raising the bar for future-ready success for all students of Farmersville ISD. Technology can provide a depth and richness to instructional approaches so that students of all learning modalities can be reached. Education preparation and development in the effective use and integration of technology will be a determining factor in the success of this plan.

The Farmersville ISD technology plan recognizes the need for adequate bandwidth and a dynamic infrastructure. Without a strong backbone, FISD will not be able to support the goals of the district and state. In a time when communication with parents and the community is vital, success is dependent upon a solid infrastructure.

The technology priorities of FISD have come together in one plan with input from classroom teachers, students, administration, parents and community representatives. Information received from Clarity and STaR Chart surveys, and meetings with district personnel, were crucial in building this plan.

Through the implementation of this technology plan for the integration of curriculum and technology, the goals of excellence in teaching, learning and effective management within the Farmersville Independent School District will be further advanced.

Assessment Process

To determine the technology needs throughout the district, ongoing, comprehensive needs assessment methods are used. Farmersville ISD conducts extensive surveys and assessments with campuses, teachers, students, and parents to analyze the current status of technology in the district and determine technology integration across the curriculum needs and the infrastructure required to meet those needs.

Items analyzed include personnel support, professional development, curriculum integration, infrastructure, hardware, software, student achievement, and technology resources. Results from these assessments are used to determine funding priorities, provide information for technology planning, and measure the impact of state and local efforts to improve student learning through the use of technology.

Technology assessments and impressions thoughts are drawn from inputs includes:

- Technology committee meetings to discuss projects as well as issues, concerns and trends that may impact technology users within the district.
- Frequent informal communication with teachers, principals, and district leadership to insure the infrastructure is meeting their campus needs.
- STaR Chart - School Technology and Readiness. A Teacher Tool for Planning and Self-Assessing aligned with the Long-Range Plan for Technology, 2006-2020.
- Clarity Survey from BrightBytes. Combines analysis from FISD with evidence-based frameworks and research to provide tools to improve student learning outcomes.

Additional resources used to develop the Farmersville ISD Long Range Technology Plan include:
- TCEA (Texas Computer Education Association)
- CoSN (Consortium for School Networking)

Additionally, adherence to Federal and State regulations is a top priority factored into the needs assessment. The safekeeping of student data and the district's computing infrastructure will ensure FISD is compliant with federal and state mandates including the Family Education Rights and Privacy Act (FERPA), the Children's Internet Protection Act (CIPA) and the Health Insurance Portability and Accountability Act(HIPAA).

The needs assessment includes alignment to district and campus improvement goals. This provides a systematic process to acquire an accurate, thorough picture of the strengths and weaknesses of technology that will determine priority goals, to develop a plan, and to allocate funds and achieve results.

Focus of Classroom Instruction

Every classroom in Farmersville ISD has been provided with an Internet-connected classroom computer, digital LCD projector, document camera, and a variety of web-based applications and resources. Every K-12 teacher is provided with an Apple iPad. Additionally, many classrooms have been provided with an interactive display or interactive white board. Every K-12 teacher and student has access to computer labs, iPad carts and/or Chromebook carts to accomplish technology skill development, research, work related to technology-infused projects, and instructional interventions.

An Instructional Technologist serves as a resource and instructional support for classroom teachers. She assists teachers with planning and teaching technology integration activities and projects that help students learn content objectives and reinforce learning.

Network Infrastructure

By the start of academic year 2016-2017, a 500MB fiber optic cable will be installed connecting FISD to ISP services (Cogent) increasing the current capacity more than 800%. Each regular campus has a switched 1GB fiber connection to the high school main distribution facility (MDF) with the Junior High School having a 10GB fiber connection to the MDF.

A Cisco 3750X layer 3 switch provides Gigabit connectivity between each campus and all of the servers. In addition, every campus has 100MB connectivity to the desktop in every classroom. Campus data closets are inter-connected using 1 Gigabit fiber optic cable with a few exceptions using 1GB CAT 5 connection.

Every connected device is filtered using a web content filter which prevents browsing to inappropriate website content. Students and teachers are filtered using different policy rules as deemed appropriate by district leadership and the district's Acceptable Use Policy. Packet shaping technology is also leveraged to help prioritize data traffic by type and content.

Wireless Infrastructure

All campuses throughout the district have a Cisco wireless infrastructure and contain Cisco Wireless Access Points (WAPs) in every other classroom. This wireless network infrastructure is available for student, staff and guest use when on school premises.

Physical Security and Video Surveillance

A video surveillance system is installed at each campus. In addition, all campuses have secure badge access entries. A workstation(s) is located on each campus to provide visitor check-in system that is updated daily with state and national sex offender data.

Software and Instructional Applications

All staff members utilize First Class for email communications with multiple levels of virus protection and spam filtering. FISD is transitioning email to Google in the Fall 2016. Students have access to Google Apps for Education (**GAFE**) and are provided with an online Google account granting access to a suite of products provided by the GAFE software suite.

The following table contains a list of some of the major applications in use in Farmersville ISD:

Name	Purpose
TxEIS	Student Information System / Financial System
Eduphoria SchoolObjects	Aware, PDAS, ForeThought
School Messenger	Automated Notifications
Edlio	District Website and Communications
Microsoft Office	Productivity Suite
Google Apps for Education	Student Email / Online Productivity Tools
Google Gmail and First Class	Email
Intercept	Visitor Management System
Eduphoria SchoolObjects	Textbook Management
Special Education Manager	Special Education, Individual Education Plans and Section 504
FitnessGram	Activity and fitness assessment, reporting, and tracking for TEA
Odyssey	Credit Recovery

Information Technology Support Structure

The Technology Director and IT Specialist provides service and support to all campuses in the acquisition and use of technology throughout the district to ensure technology is integrated into the classroom to enhance student learning.

The technology department supports and maintains the District's Wide Area Network (WAN) and Local Area Networks (LANs) on all campus and administrative sites. They are also responsible for the installation of all file and application servers, data backups, security and policy management, anti-virus management, firewalls, routers, and switches.

Technology Needs

Students

Students need technology that is embedded throughout the curriculum and focuses on skills supporting the Technology Application TEKS, collaboration, communication, creativity, critical thinking, and digital literacy and citizenship. Enhancing the classroom with District-owned devices and District-provided Wi-Fi allows students to utilize technology to grow and prepare for tomorrow's challenges, and ensures that digital resources are readily available.

Teachers

Teachers need professional development opportunities to transform traditional instructional spaces into innovative and interactive learning centers to support student-centered learning.

The District should provide teachers with access to purposeful classroom technology and devices that can quickly connect to reliable, responsive technology infrastructure and access intuitive, user-friendly systems.

Teachers need just-in-time technical and educational technology support to minimize downtime and assist with the integration of technology applications into instructional lessons.

Technology

Based on the Clarity survey results, the technology infrastructure is viewed as too slow to support the increased demands of multiple devices on Internet resources. To solve this problem, all campuses should strive to achieve LAN connectivity speeds of 10 GB or greater.

Goals, Objectives and Strategies

GOAL 1

Facilitate the integration of a technology-infused curriculum which aligns with the Texas Essential Knowledge and Skills (TEKS), while enhancing academic achievement, ensuring technology proficiency, and producing learners who are powerfully equipped to thrive in our 21st century society.

Objective 1.1					Category: Teaching and Learning
Students will utilize technology as an avenue for educational exploration and achievement.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
1.1.1	Provide the means and support for students to meet basic technology competencies and provide opportunities to participate in technology applications courses.	State: Original Status:	2016-2019	Classroom Teachers, Campus Administration	8th Grade Technology Assessment & High School Technology Applications course offerings
1.1.2	Provide students with the opportunity to engage in collaboration, completion, and submission of instructional materials electronically.	State: Original Status:	2016-2019	Technology Director, Instructional Technologist, Curriculum Director, Classroom Teachers, Campus Administration	Google Classroom & Application Suite
1.1.3	Provide students with the opportunity to complete and submit state standardized assessments electronically.	State: Original Status:	2016-2019	Testing Coordinator, Campus Counselors, Technology Director, Classroom Teachers	Submitted testing assessments

Objective 1.2					Category: Teaching and Learning

Teachers will foster a learning environment which synchronizes technology, pedagogy and content.

Budget:

	Strategies	Status	Timeline	Person(s) Responsible	Evidence
1.2.1	Utilize Instructional Technologist to support classroom teachers in the integration of technology into the curriculum.	State: Original Status:	2016-2019	Instructional Technologist, Technology Director, Curriculum Director, Classroom Teachers, Campus Administration	Instructional technology staff development classes offered and one-to-one teacher support
1.2.2	Encourage and support electronic collaboration	State: Original Status:	2016-2019	Instructional Technologist, Technology Director, Classroom Teachers, Campus Administration	IPad & Chrome Book checkout logs

Objective 1.3					Category: Teaching and Learning

The District will support the teaching and learning process by providing tools and supportive resources that infuse technology into the classroom and stimulate student achievement.

Budget:

	Strategies	Status	Timeline	Person(s) Responsible	Evidence
1.3.1	Provide students with access to technology tools and devices by maintaining a ratio of 3:1 students to technology devices (computers/tablets)	State: Original Status:	2016-2019	Technology Director	Campus technology inventory
1.3.2	Install and maintain interactive classroom presentation and collaboration devices in identified instructional spaces for grades K-12.	State: Original Status:	2016-2019	Technology Director, Campus Administration	Campus inventories
1.3.3	Research, evaluate, and recommend emerging digital instructional resources and learning materials for core content areas.	State: Original Status:	2016-2019	Technology Director, Instructional Technologist	Digital resources and materials purchased

GOAL 2

Enhance and provide ongoing training opportunities for students, staff, and supporting community members with an emphasis on creating a digital learning community and to be front runners as technology-driven global leaders.

Objective 2.1	Category: Educator Preparation and Development

Provide professional development opportunities for teaching and integrating Technology Applications TEKS into the core K-12 curriculum.		

Budget:

	Strategies	Status	Timeline	Person(s) Responsible	Evidence
2.1.1	Instructional Technologist will support instructional staff.	State: Original Status:	2016-2019	Instructional Technologist, Curriculum Director, Campus Administration	Instructional technology staff development classes and one-to-one support
2.1.2	Provide targeted training for instructional staff based on the Clarity and STaR Chart survey results and meetings with instructional and curriculum staff	State: Original Status:	2016-2019	Instructional Technologist, Curriculum Director, Technology Director, Campus Administration	Staff development classes offered, Clarity and STaR Chart survey results
2.1.3	Develop and deliver professional development for teachers to prepare them to integrate technology into their subject areas and use available resources to make sound, data-driven decisions.	State: Original Status:	2016-2019	Instructional Technologist, Curriculum Director, Campus Administration	Instructional technology staff development classes, survey feedback results
2.1.4	Establish goals for teacher technology integration in instructional planning.	State: Original Status:	2017-2019	Curriculum Director, Campus Administrators	Submitted Lessons, performance appraisal through Teacher Appraisal System
2.1.5	Coordinate with campuses to deliver technology guided training during staff meetings or other identified assemblies.	State: Original Status:	2016-2019	Instructional Technologist, Campus Administrators	Staff Development agendas

Objective 2.2				Category: Educator Preparation and Development	
Encourage and support all instructional personnel to meet the ISTE National Education Technology Standards for technology literacy and fluency.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
2.2.1	Develop a guide that lists the Technology Applications TEKS at each grade level with recommended strategies and resources for integrating them into the core curriculum	State: Original Status:	2017-2019	Instructional Technologist, Technology Director, Curriculum Director	Published guide
2.2.2	Provide opportunities for teachers to collaborate with their supervisor and set goals for using technology to engage students.	State: Original Status:	2016-2019	Campus Administration	Submitted Lesson designs, Teacher Appraisal System reviews
2.2.3	Expand and enhance online and face-to-face training options using a variety of formats to infuse appropriate technologies into teaching and learning.	State: Original Status:	2016-2019	Instructional Technologist, Technology Director, Curriculum Director	Training offerings and feedback

GOAL 3

Model, monitor and provide systems of support for continuous, quality communication and partnerships among District stakeholders which meet the demands of the 21st Century and equip students with the skills they need for post-graduation success.

Objective 3.1			Category: Leadership, Administration, and Support Services		
Develop, budget for, implement, and evaluate dynamic plans and processes that leverage technology and that are reflective of the changing workforce and economy.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
3.1.1	Technology Director will communicate with the Technology Committee and the Board of Trustees to ensure effective use of technology throughout the District.	State: Original Status:	2016-2019	Superintendent, Technology Director	Yearly budgets, Technology Committee minutes, Board minutes
3.1.2	Develop a long-term technology plan that remains current and flexible, and aligns with the District Improvement Plan, Campus Improvement Plans, and other District initiatives.	State: Original Status:	2016-2019	Technology Director, Director of Curriculum	Approved Technology Plan
3.1.3	Evaluate and recommend a transportation scheduling system	State: Original Status:	2017-2019	Technology Director, Director of Operations, Business Manager	Software

Objective 3.2					Category: Leadership, Administration, and Support Services
Create innovative, flexible and responsible technological environments to maximize teaching and learning.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
3.2.1	Employ consistent and effective communication between technology-related areas and others through email and meetings with district personnel.	State: Original Status:	2016-2019	Technology Director	Informational emails
3.2.2	Provide supportive documentation, resources, and content using a variety of digital and web-based platforms to deliver information to appropriate audiences to sustain learning communities within the district.	State: Original Status:	2016-2019	Technology Director, Campus Administrators	District website, District/campus calendars, Social media, Parent Portal, and Notification system
3.2.3	Provide appropriate instructional related training to all relevant staff to facilitate technology integration, collaboration and presentations by both teachers and students.	State: Original Status:	2016-2019	Instructional Technology	Training events, in classroom technology integration training schedules
3.2.4	Provide instructional software licenses required to support instructional programs within all campuses.	State: Original Status:	2016-2026	Technology Director, Campus Administrators	Software inventory, purchase orders
Objective 3.3					Category: Leadership, Administration, and Support Services
Offer expanded curricular and instructional opportunities to students via online, digital technology, and a variety of distance learning technologies.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
3.3.1	Evaluate, update, and enhance classroom and campus technology to support online testing, certification, and digital curriculum for students.	State: Original Status:	2016-2019	Technology Director, Curriculum and Instruction	Classroom equipment, digital curriculum subscriptions, utilization results
3.3.2	Research exploration of emerging technologies and development of new, innovative and cost-effective solutions.	State: Original Status:	2016-2019	Technology Director	Innovative and emerging technology reports

Objective 3.4					Category: Leadership, Administration, and Support Services
Engage employees in ongoing, relevant and timely professional development and learning delivered in a variety of formats.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
3.4.1	Design, implement, evaluate and support instructional technology professional development for teachers and administrators	State: Original Status:	2016-2019	Instructional Technologist	Technology professional development plans, attendance, and evaluation
3.4.2	Create online support guides, allowing anytime access to documents	State: Original Status:	2016-2019	Technology Director, Instructional Technologist	Online knowledge base articles, handbooks, training documentation and how-to content
3.4.3	Develop and implement trainings as needed to secure required skills for new technologies being implemented.	State: Original Status:	2016-2019	Technology Director, Instructional Technologist	Schedule of trainings offered and attendance data
3.4.4	Provide Technology Department personnel with formal and informal training classes/resources relevant to job duties	State: Original Status:	2016-2019	Technology Director, Business Manager	Documentation of training/resources received

Objective 3.5				Category: Leadership, Administration, and Support Services	
Integrate the use of technology tools to improve efficiency and effectiveness of operational processes.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
3.5.1	Pursue and utilize available grants and federal funds to support the technology plan.	State: Original Status:	2016-2019	Technology Director	Funding reports
3.5.2	Align financial resources to support Technology Plan through approved resources.	State: Original Status:	2016-2019	Technology Director, Business Manager	Funding aligned with an approved Technology Plan
3.5.3	Design and implement consistent and reliable operations of equipment and services through efficient maintenance of service contracts for support, replacement and upgrades along with in-house repairs	State: Original Status:	2016-2019	Technology Director	Service and support agreements/contracts, high systems availability
3.5.4	Assess technology maintenance/service based on STaR Chart and campus/teacher Clarity survey results	State: Original Status: In Progress	2016-2019	Technology Director	Analysis report of information attained through appropriate feedback methods

Objective 3.6				Category: Leadership, Administration, and Support Services	
Include community input into the planning and support of the integration of technology into teaching and learning.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
3.6.1	Utilize technology communication tools to maintain collaborative communications with parents, district personnel, and community members.	State: Original Status:	2016-2019	Superintendent, Director of Technology	Board meeting schedules and agendas on the FISD website
3.6.2	Utilize the Farmersville ISD website to spotlight technology initiatives.	State: Original Status:	2016-2019	Technology Director, Instructional Technology, Campus Administrators	FISD website content, teacher and classroom recognitions
3.6.3	Foster communication and collaboration through the use of Facebook	State: Original Status:	2016-2019	Campus Administrators	Social media posts and comments
3.6.4	Actively participate and communicate with local and state-wide district technology leaders to share strategies and support for initiatives and discuss achievements, challenges, and informed best practices.	State: Original Status:	2016-2019	Technology Director, Instructional Technology	TCEA & CoSN
3.6.5	Include community representative on the Technology Committee	State: Original Status:	2016-2019	Technology Director	List of Technology Committee members
3.6.6	Include parent representative on the Technology Committee	State: Original Status:	2016-2019	Technology Director	List of Technology Committee members

GOAL 4

Develop and maintain a reliable and secure infrastructure that allows all staff, students, parents and stakeholders access to a collaborative electronic learning environment.

Objective 4.1				Category: Technology Infrastructure and Support	
Implement and maintain an obsolescence program to maintain and update technology devices, network hardware, and other technology related equipment and infrastructure.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
4.1.1	Maintain inventory of software, licensing, and hardware inventories.	State: Original Status:	2016-2016	Technology Director	Inventory
4.1.2	Implement a Technology Obsolescence Plan to refresh existing, aging equipment and introduce new technology.	State: Original Status:	2016-2019	Technology Director	Inventory and Plan
4.1.3	Upgrade district servers based on criteria defined in the Technology Obsolescence Plan.	State: Original Status: In Progress	2016-2019	Technology Director, Business Manager	Server inventory and purchasing invoices
4.1.4	Identify and leverage cost-effective solutions for increasing the server infrastructure to support users and applications, maintaining data integrity, data security, redundancy, and reliability.	State: Original Status:	2016-2019	Technology Director	Server inventory and purchasing invoices
4.1.5	Maintain and update existing network infrastructure and perimeter devices in data center locations including firewalls, backup servers, and web filters.	State: Original Status:	2016-2019	Technology Director	Network topology diagrams, infrastructure inventory

4.1.6	Upgrade, monitor, and manage LAN/WAN routers and access switches to provide the necessary bandwidth and service levels required for application and service delivery.	State: Original Status:	2016-2019	Technology Director	Purchasing invoices
4.1.7	Maintain and update as needed district-wide wireless infrastructure and wireless security standards to ensure reliable wireless connectivity and adequate density and coverage.	State: Original Status:	2016-2019	Technology Director	Wireless topology diagrams and purchasing invoices
4.1.8	Ensure that all campus network closets have adequate ventilation and/or HVAC units to extend the life of and obtain consistent service from the network equipment.	State: Original Status:	2016-2019	Technology Director, Director of Operations	Inventory
4.1.9	Upgrade and maintain fiber optic cable and connectivity between campus MDF and IDF closets with appropriate current standards to support speeds of 10 Gigabit or greater, and maintain consistent, reliable backbone and access bandwidth across the WAN.	State: Original Status:	2018-2019	Technology Director	Inventory
4.1.10	Upgrade and maintain fiber optic cable and WAN connectivity between campuses and the data center (high school) to support speeds of 10 Gigabit or greater	State: Original Status:	2018-2019	Technology Director	Inventory
4.1.11	Plan and budget for unforeseen technology repair, cable adds/moves/changes and maintenance supplies.	State: Original Status:	2016-2019	Technology Director	Budget
4.1.12	Transition to VoIP infrastructure	State: Original Status:	2018-2019	Technology Director	IP Telephony Topology diagrams

Objective 4.2				Category: Technology Infrastructure and Support	
Provide communications, content distribution platforms, and infrastructure for district communication, collaboration, and to support digital instruction initiatives through teaching and learning.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
4.2.1	Maintain communications system for parent notification of student attendance, grades, and district related events and notifications.	State: Original Status:	2016-2019	Technology Director, Campus Attendance Clerk	Website
4.2.2	Provide website to deliver district news and events	State: Original Status:	2016-2019	Technology Director	Website
4.2.3	Design and/or support user-friendly, flexible, and device-responsive district, campus, and teacher websites	State: Original Status:	2016-2019	Technology Director, Campus Principals, Teachers	Updated webpages
4.2.4	Maintain enterprise-level email messaging, unified communications, and collaboration systems for all district staff to support teaching and learning.	State: Original Status: In Progress	2016-2019	Technology Director	Google Gmail, Calendar, Classroom, & Drive

Objective 4.3				Category: Technology Infrastructure and Support	

Provide technology systems, and design strategies and measures which will promote student and staff safety and accountability, increase cyber security and prepare for disaster response and recovery.

Budget:

	Strategies	Status	Timeline	Person(s) Responsible	Evidence
4.3.1	Maintain school visitor check-in management system	State: Original Status:	2016-2019	Technology Director, Campus Administrators, Chief of Police	Visitor logs from campuses
4.3.2	Maintain video surveillance systems at each campus	State: Original Status:	2016-2019	Technology Director, Campus Administrators, Chief of Police	Surveillance system inventory
4.3.3	Expand video surveillance system to meet TEA requirements for selected SPED classrooms	State: Original Status:	2016-2019	Technology Director, Special Education Director	Surveillance system inventory
4.3.4	Maintain school bus video surveillance system	State: Original Status:	2016-2019	Director of Operations	Surveillance system inventory
4.3.5	Maintain building access control tracking systems through the use of Farmersville ISD issued ID badges to ensure that all campuses have perimeter and protected entrance access control security in place.	State: Original Status:	2016-2026	Technology Director, Director of Operations, Chief of Police	Employee ID badges, key card access at all facilities
4.3.6	Maintain the integrity and security of all student, staff, and district data.	State: Original Status:	2016-2019	Technology Director	Inventory of firewall and backup system in place

Objective 4.4				Category: Technology Infrastructure and Support	
Deploy support systems that maximize efficient use of technology and infrastructure by all students and staff.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
4.4.1	Maintain IT specialist to promote successful implementation of technology projects	State: Original Status:	2016-2019	Technology Director	STaR Chart & Clarity Survey
4.4.2	Maintain Network Administrator to configure, maintain, repair, and oversee WAN/LAN equipment and file servers	State: Original Status:	2016-2019	Technology Director	Inventory and network health
4.4.3	Maintain time clock software for non-contract employees	State: Original Status:	2016-2019	Technology Director, Business Director	Employee time and attendance data
4.4.4	Monitor, manage, and increase resiliency of Internet access and provide additional bandwidth when needed in support of applications and services for operations, and teaching and learning	State: Original Status:	2016-2019	Technology Director	Bandwidth utilization and monitoring reports

Objective 4.5				Category: Technology Infrastructure and Support	
Leverage enterprise architecture standards to improve information technology efficiency.					
Budget:					
	Strategies	Status	Timeline	Person(s) Responsible	Evidence
4.5.1	Continue to research and move targeted services to the cloud or hosted solutions where cost savings or service increases can be realized.	State: Original Status:	2016-2019	Technology Director	Number of cloud based applications
4.5.2	Leverage device discovery, utilization monitoring, security, and access control technologies to further support existing BYOD initiatives.	State: Original Status:	2016-2019	Technology Director	BYOD device usage data by campus
4.5.3	Maintain a Disaster Recovery Plan	State: Original Status:	2016-2019	Technology Director	Recovery plan
4.5.4	Maintain redundant backups of mission critical data on separate campuses	State: Original Status:	2016-2019	Technology Director	Backup usage reports