

MERKEL ISD Technology Plan

2016 - 2019

BRYAN ALLEN

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 14
City, State Zip MERKEL, TX 795360430
Phone (325) 928-5813
Fax (325) 928-3910
County District Number 221904

Number of Campuses	5
Total Student Enrollment	1127
District Size	1,000 - 1,599
Percent Econ. Disadvantaged	56.00%

Technology Expenditures	\$1,662,316.00	
Technology budgets reported in plan by category	Teaching and Learning Budget	\$366,616.00
	Educator Preparation and Development Budget	\$301,000.00
	Leadership, Administration and Support Budget	\$149,700.00
	Infrastructure for Technology Budget	\$845,000.00
	Total:	\$1,662,316.00
Technology Expenditure Per Pupil	\$1,474.99	
Number of Campuses with High-Speed Broadband Internet Access	5	
Percentage of Campuses with High-Speed Broadband Internet Access	100.00%	
Number of Classrooms with High-Speed Broadband Internet Access	150	
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 01/27/2016. The Board of Trustees for MERKEL ISD held a public hearing on its Internet Safety Policy on 6/19/2014 and adopted its policy on 6/19/2014. The public hearing was publicized according to district or school policies and the adoption of the policy is reflected in the minutes of the board of trustees or governing board.	

Plan Introduction

Plan Last Edited 02/04/2016

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

Bryan Allen, Superintendent
Suzie Steckly, Technology Director
Jeanette Barron, Network Administrator
Tammy Nall, Curriculum Director
Joseph O'Malley, Principal
Casey Hodges, Principal,
Brack Jones, Principal
Jennifer Englert, Principal
Cindi Yaddow, Librarian
Ashlei Adams, Teacher
Hilary Miller, Instructional Technology Specialist
Shana Parker, Lab Aide
Brit Pursley, Parent
Justin Ray, Community Member
Kathryn James, Community Member

Executive Summary

Executive overview:

The goal of our Technology Plan is to ensure that district technology is used to enhance and improve the education of our students. While educational success always depends on effective teaching strategies, and not the technology itself, it is our goal to have our teachers and staff use current tools and methods to reach a new generation of learners.

This technology plan is provided to articulate a common vision for utilizing technology in the district, aligned with district goals. Our common goal is student success. To achieve that goal, a teacher must be able to effectively use technology to enhance instruction. Many factors can influence that effective use, and these factors are divided into four sections based on TEA's Long Range Plan for Technology: . 1) Teaching and Learning strategies, 2) Educator Preparation and Development, 3) Leadership, Administration, and Support, and 4) Infrastructure for Technology.

The plan is an on-going process for improvement. It describes goals and objectives for each of the four areas, and outlines specific strategies for achieving them. The plan will describe:

- The vision for using education technology as a tool for student achievement
- Ways technology will assist administrative, business, and instructional support functions
- The minimum expectancy for staff and students as users of technology
- A plan for training the staff to integrate educational technology with effective instructional and managerial functions

Current research supports the idea that students growing up in the digital age learn in different ways from previous generations. Our Technology Plan addresses student achievement in this new learning landscape, and provides a blueprint for implementing new technology tools effectively. These tools will be used to enhance classroom instruction and promote student achievement, as well as providing more streamlined processes and tools for district and campus administration.

Vision of MISD Technology Department

Each student at Merkel ISD should have a rich, appropriate educational experience that equips him for success in college or the workplace. Our educational technology should enable us to grow students who are engaged in the classroom and the community. All MISD students should have access to student-centered, anywhere, anytime learning that enables them to succeed academically and in their wider world.

Mission of MISD Tech

The mission of the MISD Technology Department is to support district instructional strategies. We will provide and maintain cost-effective, appropriate technology tools for student and teacher use. All technology innovations will be as accessible and user-friendly as possible, to encourage enthusiastic adoption by teachers and staff. We will continue to engage with administrators and teachers to encourage the use of progressive techniques that will allow them to provide a current-century education to our students.

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Summary of goals for 5-year plan:

- Provide technical infrastructure robust enough to support existing programs, new technology initiatives, and administrative tasks.
- Support campus administrators & encourage teachers to develop 21st century lesson plans.
- Provide devices in classrooms for all secondary students and teachers when possible.
- Allow secondary students to bring their own technology, to reduce the financial burden of district-provided devices.
- Provide carts / classroom sets of devices in elementary classes.
- Provide computer-lab access to elementary students, to facilitate the development of basic technology skills (keyboard literacy, digital citizenship, and Internet safety)
- Provide and support professional development for teachers and staff to be comfortable with technology.
- Assist teachers in meeting SBEC technology standards for educators.
- Ensure that ALL students meet state technology standards, including requirements for Internet safety, bullying, and digital citizenship.

Needs Assessment

Assessment Process:

Assessment process: Several tools are used to assess the status of district technology and identify needs. These include the annual Texas STaR Chart, internal surveys, LAN/WAN assessment tools, software & hardware inventory, and interviews with teachers and staff. The tools measure the status of existing hardware, software, and connectivity, teacher and student skill levels, and the degree of technology integration within the district.

Existing Conditions:

Network Infrastructure:

Merkel ISD is connected to the Internet via a proprietary high-speed wireless network supplied by the West Texas Telecommunications Consortium. The wireless system is connected to Region XIV ESC in Abilene to provide Internet service, and operates at a shared bandwidth rate of 150 MBps. In spring of 2016, the wireless Internet service will be replaced by a fiber connection to ESC XIV, with a potential 1Gb WAN capacity.

Within the district, all campuses are connected by 1Gb fiber connections to a central location in the Middle School. Campus LANs consist of 1Gb core switches, with several smaller switches in the classrooms. Classrooms generally have only one or two network connections, with a 100Mb or faster switch in the classrooms. All campuses currently use Ruckus enterprise-class distributed wireless system to provide wireless access (wifi) for mobile devices, with access points distributed throughout the campuses.

Campuses devices:

At the High School, there are several computer labs with Windows computers. Most classrooms also have dedicated sets of laptops or Chromebooks. There is also a cart of 30 tablets that can be checked out by any teacher, and 6 laptops available for take-home checkout by students or staff. At the Junior High/Middle School, most 8th grade and 6th classroom have a set of laptops or Chromebooks. Seventh grade and 5th grade have several carts of laptops and netbooks shared among teachers. In the primary grades (4th through EE), there are multiple computer labs, carts of netbooks, Chromebooks, and carts of iPads. Additionally, most elementary classrooms have several student desktop computers to use for AR testing and educational games. Each teacher in the district has at least one desktop or laptop computer for their own dedicated use.

File servers and other shared resources: District file and applications servers are located in the Middle School server room, which is locked. The High School campus has one on-site file server as well. No servers are currently virtualized. On-site servers run a variety of operating systems, from Windows Server to SLES Enterprise Linux. Many systems that formerly required on-site servers (such as SIS and library management) have been moved to hosted systems. Moving these systems to a hosted model has allowed the district to provide updated, secure services, without the expense and maintenance of managing onsite servers.

Video conferencing:

Seven Tandberg and Cisco video conferencing systems are available at the campuses. Many are under-utilized, but several are used regularly for college classes and staff training. They are also used in projects to communicate and collaborate with other schools across the country and even internationally.

Telecommunications:

Our existing Shoretel phone system was implemented in Summer 2013, and serves all campuses and district offices. The system is provisioned using a single PRI to our telephony provider, with point-of presence at the Jr High bookroom. Phones are not installed in each classroom, but are provided in common areas, offices, and in certain other rooms. The system allows teachers to use cell phones to communicate with parents while masking the teacher's cell number. So far the Shoretel system has been easy to use and maintain.

Technology Applications Instruction:

Through 4th grade, technology applications instruction is done during scheduled lab time. In 5th grade and above, tech apps instruction is integrated into regular classroom instruction. A basic course is a locally-required credit for high school. Technology integration varies greatly by campus, grade, and class. No consistent requirement is in place for classroom integration. Lab time is often sacrificed for iStation or other curriculum benchmarks.

Technology Needs:

Infrastructure:

Our existing wired infrastructure at some campuses consists of older Category 5 wire and inconsistent fiber connections. This severely limits the speed of some network connections to an unacceptable level. Construction of the new elementary school has allowed for wiring upgrades there, but at the other campuses, devices are limited to 100Mb in some areas due to inferior and outdated infrastructure. The entire campuses at JH/MS and MHS are in need of rewiring and other wiring/infrastructure components such as patch panels and supports.

Lab computers & servers:

The cost and need for campus computer labs should be evaluated in light of the availability of classroom and student-provided devices. Workstation virtualization should be considered as a way to reduce hardware and support costs. Server virtualization also remains a possibility to provide on-demand services. Elementary teachers report that they would like to keep up scheduled lab use for Technology Apps and curriculum reinforcement. At other campuses, labs are used less frequently.

Classroom computers:

Over the past few years, the number of laptops, chromebooks, and tablets in the classrooms has expanded tremendously. As we continue to encourage the use of computers in the classrooms, we will need to consider how to reasonably sustain this trend and support teachers using these devices. Options include support (both technical and administrative) for student-owned devices, and transitioning to less expensive devices.

Software programs:

A variety of software programs are in use at the campuses for curriculum enhancement and assessment. Many of these programs are used only to the minimum of their capabilities. We need to do a better job of implementing educational software. As an example, many existing programs could provide teachers with valuable feedback for analysis, but they are often unaware that the data is available. Others have the option of providing differentiated instruction. Those capabilities are often not utilized.

STaR Recognized/Teacher survey needs:

The annual annual School Technology and Readiness Charts vary greatly by campus. District-wide, there is a definite need for improvement in all categories, but especially Teaching and Learning and Educator Preparation and Development. We need an effective way to train teachers and to assess their level of technology proficiency and integration skills. Effective staff development should model the current-century methods that we wish to see in the classroom, and should be required as on-going and job-embedded rather than attending large sessions once or twice a year. Annual MISD teacher surveys also show similar results.

Additionally, teachers at some campuses are often unclear on how or why they should use technology embedded into their teaching. They may be unaware of opportunities and strategies available to them. We must do a better job of communicating our vision of modern education, and of preparing and assisting teachers in fulfilling that vision.

To prevent ineffective implementation of technology-based strategies, all new initiatives should be vetted by an implementation committee. The committee should take care to ensure that initiatives, whether hardware (ie; iPads for all students), or software (ie; all students must use Study Island 25 min/day) are appropriate, effective, and sustainable, and that proper preparation is given to teachers prior to implementation. This review should also help prevent constant short-term program changes mandated by individuals, which tend to be costly and not helpful instructionally.

Goals, Objectives, and Strategies

GOAL 1: Teaching and learning: We will integrate technology into all content areas and district operations with an emphasis on the 4 C's of current-century education: Critical thinking, Creativity, Communication, and Collaboration. Students who master these skills have the tools to succeed in an information-driven age. Students will apply technology skills to learn problem-solving, data collection, information management, communication, and presentation.

OBJECTIVE 1.1:

Patterns of classroom use. Improve academic achievement of all students through the seamless integration of technology into the classroom for learning and assessment.

Budget Amount \$35,000.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 02, 03, 04a, 07, 08, 09, 10, 11, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.1.1: Assess the use of technology in classrooms using the Texas STaR Chart & internal surveys LEA LRPT Correlates: EP05, LAS01, LAS04, LAS05, LAS08, TL04, TL06	State: Revised Status: In Progress	Ongoing	Technology Director, Principals	Completed assessments on STaR site. After assessments are complete, share data with principals and plan staff development accordingly
1.1.2: Identify and recognize educators using effective technology integration in the classroom LEA LRPT Correlates: EP05, EP09	State: Original Status: Planned	Begin spring 2016, ongoing	Technology staff, principals	badges earned, videos
1.1.3: Provide time and opportunity for Instructional Tech Specs to demonstrate effective integration tools and strategies. LEA LRPT Correlates: EP05, EP07, EP09	State: Revised Status: In Progress	Ongoing	Campus administration, instructional technology specialists	Teachers use technology tools effectively, ITS schedule
1.1.4: Teachers will provide students with opportunities to work collaboratively to solve problems and communicate with a wide variety of audiences LEA LRPT Correlates: TL08	State: Revised Status: In Progress	Ongoing	Principals, technology integration specialists	Teacher evaluations, student projects
1.1.5: Provide parents and other community members access to the infrastructure for educational resources. Comments: Community response LEA LRPT Correlates: TL15, TL16	State: Revised Status: In Progress	Ongoing	Technology Director, Superintendent, Principals	Provide parents and other community members access to the infrastructure for educational resources.

OBJECTIVE 1.2:

Frequency/Design of Instructional Setting: Using Digital Content Teachers will provide for frequent, regular technology use, integrating curriculum activities utilizing available tools (i.e. classroom computers, interactive whiteboards, libraries and portable technology tools). Student should have access to appropriate technologies

Budget Amount \$72,500.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02

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

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.2.1: At ALL grade levels, principals will support the teachers and librarians? use of evolving technologies for greater levels of collaboration, inquiry, analysis, creativity and content production, and incorporate technology use into the teacher and librarian appraisal system where appropriate LEA LRPT Correlates: LAS12, TL08, TL10, TL11	State: Revised Status: In Progress	Ongoing	Principals	Observation and teacher feedback
1.2.2: Develop Career & Technology and Technology Applications courses, and require freshmen to take the Principles of Information Technology as local requirement. LEA LRPT Correlates: TL01, TL02, TL03, TL06, TL09, TL12	State: Revised Status: In Progress	Ongoing	Principals, Career & Technology teachers, Technology Applications teachers, Technology Integration Specialists	Scope and Sequence, Student graduation credits, walk-throughs
1.2.3: Professional development is offered for methods of content delivery, including online & digital conten LEA LRPT Correlates: EP05, TL09, TL12, TL13	State: Revised Status: In Progress	Ongoing	Technology Integration Specialists, Campus administrators, Technology staff	PDAS/TTESS, workshop documentation, ITS schedule
1.2.4: Provide computing devices in classrooms, so that all students have access to devices as needed. Update policies to allow BYOD on secondary campuses. LEA LRPT Correlates: I01, I04, I05, I09, LAS10, TL05, TL09, TL13	State: Original Status: In Progress	Fall 2016? Spring 2018	Technology Director, Superintendent	Students meeting academic requirements using technology provided by district
1.2.5: Continue to upgrade Career & Technology labs to provide access to career information and job training LEA LRPT Correlates: LAS02, TL02, TL07, TL08, TL13	State: Revised Status: In Progress	Spring 2016- Spring 2018	Technology staff	Purchase orders, work orders
1.2.6: Students 13 and older will have access to Google Apps for Education accounts for schoolwork, collaboration, communication, and presentations LEA LRPT Correlates: EP01, I01, I05, TL01, TL05, TL08, TL12, TL16	State: Revised Status: In Progress	Ongoing	Technology staff	Google records; Google classroom enrollment, portfolios

OBJECTIVE 1.3:

Content Area Connections: Technology will be seamlessly integrated into curriculum across all subject areas. This transformation should be apparent in all classrooms

Budget Amount \$37,500.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02

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

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.3.1: Teachers will integrate ongoing planning for technology into teaching and learning, across content areas. Minimum standards for frequency of technology-integrated lessons will be determined by campus administration. Use student performance data and curriculum materials that are managed electronically in instructional planning. Tech Apps TEKS should be embedded in lessons in all classrooms.	State: Original Status: Planned	Begin Fall 2016	Principals / teachers, Superintendent, Technology Director	Lesson plans, PDAS, observations

	LEA LRPT Correlates: EP03, EP09, LAS12, TL01, TL04, TL05, TL07, TL08, TL12, TL13, TL15				
1.3.2:	Encourage students to work with peers and experts to evaluate information, analyze data content. Also encourage students to communicate effectively with a variety of audiences, using distance learning and other digital content service providers. LEA LRPT Correlates: LAS13, TL05, TL08, TL12	State: Revised Status: In Progress	Ongoing	Principals, teachers	DL logs, lesson plans, Google logs
1.3.3:	Use Google Apps as portals for collaboration. Students will primarily use Google cloud file storage to allow for access anywhere (but also have space on school servers). LEA LRPT Correlates: I03, I09, TL08, TL09, TL13, TL16	State: Original Status: Planned	Fall 2016	Technology Director, teachers	Content on cloud-based platforms; student access from anywhere
1.3.4:	Continue to provide instructional software appropriate for age, grade and instructional tasks. Review what software is used annually. Instruct teachers in all facets of the software being used, and expect them to use it to assess progress and enhance instruction LEA LRPT Correlates: TL08, TL09, TL12	State: Original Status: In Progress	spring 2016-spring 2018	Technology Director, Superintendent, Integration Specialists, principals	Purchase orders; PD logs, ITS schedule, student improvement
1.3.5:	Train and support teachers in posting and sharing lesson plans that promote technology integration. LEA LRPT Correlates: EP04, EP05, LAS01, TL06, TL08, TL12, TL16	State: Revised Status: In Progress	Ongoing	Principals, Technology staff, Integration specialists	Lesson plans

OBJECTIVE 1.4:

Technology Applications TEKS Implementation

*Budget Amount \$80,000.00**LRPT category: Teaching and Learning*

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 04a, 07

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.4.1:	Provide hardware and software support for all student and teacher computers. Make sure that all computers are appropriate for their designated use LEA LRPT Correlates: I07, TL01, TL02	State: Revised Status: In Progress	Ongoing	Technology Director, Technology Staff	Computers and equipment are replaced on schedule, and adequate for use.
1.4.2:	Provide staff development for teachers, to promote Technology Applications skill integration within classroom curriculum. LEA LRPT Correlates: EP01, EP02, EP06, EP09	State: Revised Status: In Progress	Fall 2015-on	Technology Director, Technology Integration Specialists, principals	Increase in student technology skills, lesson plans with effective technology integrated into curriculum
1.4.3:	Provide support for campus Technology Apps teachers and Integration Specialists as they address K-8 Technology TEKS. Comments: Scheduling time for labs seems to be an issue in EE-4th grade. LEA LRPT Correlates: LAS07, TL01	State: Revised Status: In Progress	Ongoing	Campus administration, technology staff	Increased skills as evidenced by student portfolios and assessment scores. Schedules with time for Tech Apps in lower grades.
1.4.4:	Deliver online safety curriculum for all students.	State: Revised	Ongoing	Campus administration,	Campus administration,

	LEA LRPT Correlates: TL14	Status: In Progress		teachers	teachers
OBJECTIVE 1.5:					
Student Mastery of Technology Applications TEKS. All students at Merkel ISD should master the appropriate Technology Application TEKS					
<i>Budget Amount \$80,000.00</i>					
<i>LRPT category: Teaching and Learning</i>					
E-Rate Correlates: ER01					
NCLB Correlates: 02					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.5.1:	Principals will ensure compliance with standards within each grade-level cluster (K-2, 3-5, 6-8), and ensure all TA TEKS are met. Assessments and benchmarks for K-5 are included in TechKnowledge curriculum. Students in grades 6-8 are assessed using digital portfolios, with a commercial proficiency benchmark given to 5th and 8th graders. LEA LRPT Correlates: TL01, TL03, TL04, TL05, TL06	State: Revised Status: In Progress	Ongoing	Principals, teachers	Assessments in TechKnowledge curriculum; student portfolios and benchmark scores.
1.5.2:	Require Principals of Information Technology for all incoming freshmen, for local graduation credit. LEA LRPT Correlates: TL01, TL02, TL05, TL08, TL13	State: Revised Status: In Progress	Ongoing	Principal, school board	Graduation plan records
OBJECTIVE 1.6:					
Online learning: MISD will provide opportunities for online learning, to maximize student opportunities for anywhere / anytime learning. Online learning will also help students to utilize different paths to learning, and will enable collaboration with others outside the school walls					
<i>Budget Amount \$61,616.00</i>					
<i>LRPT category: Teaching and Learning</i>					
E-Rate Correlates: ER01					
NCLB Correlates: 01, 03, 04a, 07, 08, 12					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.6.1:	Support and maintain access to the Plato /Edmentum program for credit recovery LEA LRPT Correlates: I05, I09, TL09, TL13	State: Revised Status: In Progress	Ongoing	Technology staff, campus administration	Students obtaining credit for online courses
1.6.2:	Continue to promote the use of tools such as Google Apps to encourage teachers and students to learn online. These tools, and other Web 2.0 technologies, encourage anywhere, anytime learning, and allow for collaborative projects. Parents and others can view class websites, blogs, and resources. LEA LRPT Correlates: TL04, TL08, TL09, TL15, TL16	State: Revised Status: In Progress	Ongoing	Technology staff, integration specialists, campus administration	Students are able to share resources online using portals and shared resources
1.6.3:	Maintain high-quality distance learning equipment, and encourage its use across all grade levels. LEA LRPT Correlates: LAS13, TL12	State: Revised Status: In Progress	Ongoing	Technology staff, Integration specialists	Students enrolled in college courses delivered via DL; participation in presentation of student-developed lessons to other school

1.6.4:	<p>Convene a Tech Procurement Committee to ensure that all technology purchases meet instructional standards. All purchases must be sustainable and have an implementation plan before purchase.</p> <p>LEA LRPT Correlates: EP03, LAS02, LAS03, LAS05, LAS10, TL05, TL07, TL08, TL09, TL10, TL11, TL12, TL13</p>	<p>State: Original</p> <p>Status: Planned</p>	<p>Spring 2016- forward</p>	<p>Technology Director, Superintendent</p>	<p>Purchase orders, committee notes (online)</p>
1.6.5:	<p>Classrooms should have presentation systems appropriate for the use of the room. Equipment such as microphones, projectors, and interactive whiteboards will be permanently installed in regular classrooms.</p> <p>LEA LRPT Correlates: I05, LAS01, TL05, TL12</p>	<p>State: Original</p> <p>Status: Planned</p>	<p>Spring 16- Spring17</p>	<p>Technology staff, principals</p>	<p>purchase orders, classroom equipment</p>

GOAL 2: Educator Preparation and Development. Provide and support opportunities for all staff to participate in on-going training, directed toward the effective use of technology in instructional programs.

OBJECTIVE 2.1:

Professional Development Experiences. All instructional staff will participate in professional development, with content focused on increasing technology-rich lessons, and supporting classroom instruction.

Budget Amount \$75,000.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02

NCLB Correlates: 01, 04a, 04b, 08, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.1.1:	Provide staff with opportunities for learning about technology tools, in a variety of settings (small/large group, online, video, mentors). Focus on tools for teaching and learning, and for communication and productivity. LEA LRPT Correlates: EP01, EP03, EP06, EP08, I04	State: Revised Status: In Progress	Ongoing	Technology staff, Principals/Teachers, Technology Integration Specialists	Lesson plans, workshop/training attendance documentation, PDAS/TTESS & observation documentation of classroom tech use
2.1.2:	Provide technology information and training during district mandatory technology in-service days LEA LRPT Correlates: EP03, TL08, TL14, TL16	State: Revised Status: In Progress	Ongoing	Technology staff, Technology Integration Specialists	Attendance records
2.1.3:	Employ at least one full-time Instructional Technology Specialist to work hands-on with campus groups to develop technology integration understanding and practice LEA LRPT Correlates: EP06, EP08, EP09	State: Revised Status: In Progress	Fall 2015 ? Spring 2018	Superintendent, Technology director	Lesson plans, PDAS, campus schedules
2.1.4:	Allow time in campus schedules for part-time Instructional Technology Specialists (who may also be teaching classes) to work with other teachers on their campuses to develop integration understanding and practice. LEA LRPT Correlates: EP01, EP02, EP03, EP06, EP07, EP09, LAS03, TL01, TL03, TL08	State: Original Status: In Progress	Fall 2016-ongoing	Principals, Instructional Technology Specialists	Campus schedules, ITS schedules

OBJECTIVE 2.2:

Models of Professional Development: Provide professional development that is collaborative, interactive, and hands-on. The training instructional staff receives should mirror the use of technology in the classroom.

Budget Amount \$13,000.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02

NCLB Correlates: 03, 04b

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.2.1:	Research state and national technology standards and trends, and evaluate professional development to enable staff to meet standards. LEA LRPT Correlates: EP04, EP05, TL05	State: Original Status: In Progress	Spring 2012 ? Fall 2015	Technology Director, Instructional technology staf	Professional development is research based and effective
2.2.2:			Fall 2016 ?	Technology	Workshop

	Implement technology professional development programs using existing tools (Google Classroom, Eduphoria) to help staff reach target SBEC standards. LEA LRPT Correlates: EP02, LAS01, LAS03	State: Original Status: Planned	Spring 2019	Director, Instructional Technology staff.	records, achievement of SBEC standards
2.2.3:	Provide recognition of teacher accomplishment in using current technology-enhanced teaching methods. LEA LRPT Correlates: EP04, EP05, EP06, EP09, LAS03, LAS12	State: Original Status: Planned	Spring 2016 - ongoing	Tech staff, principals	Teachers awards (eduphoria), ITS calendars
2.2.4:	Provide a minimum of 30 minutes monthly for teachers to work collaboratively to increase technology integration in their classrooms. LEA LRPT Correlates: EP09, TL05	State: Revised Status: In Progress	Fall 2016- Spring 2018	Principals	Campus schedules

OBJECTIVE 2.3:

Capabilities of Educators: Ensure that 100% of educators meet SBEC proficiencies for technology.

Budget Amount \$55,000.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02

NCLB Correlates:

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.3.1:	Annually assess and evaluate levels of technology proficiency. Provide opportunities to achieve proficiency using a variety of professional development types. LEA LRPT Correlates: EP04, EP05, EP08	State: Original Status: Planned	Spring 2016, ongoing	Principals, Teachers, Instructional Technology Staff	Proficiency levels are documented and shared with campus administration

OBJECTIVE 2.4:

Technology Professional Development Participation: Provide professional development for all teachers and staff members.

Budget Amount \$110,000.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02

NCLB Correlates: 04b

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.4.1:	Provide a minimum of 30 minutes monthly for teachers to work collaboratively to increase technology integration in their classrooms. LEA LRPT Correlates: EP09, TL05	State: Revised Status: In Progress	Fall 2015- Spring 2017	Principals	Campus schedules, PDAS/TTESS, planning documentation
2.4.2:	Provide on-site technology training depending on campus needs, as defined by campus improvement plans LEA LRPT Correlates: EP01, EP02, EP08, EP09	State: Revised Status: In Progress	Ongoing	Technology staff	Attendance records and evaluations

OBJECTIVE 2.5:

Levels of Understanding and Patterns of Use: Provide technology training through a variety of delivery methods.

Budget Amount \$38,000.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02

NCLB Correlates: 03, 04b

Strategies		State/Status:	Timeline:	Person(s)	Evidence:
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				<i>Responsible:</i>	
2.5.1:	Provide staff development using a variety of methods: Online, face-to-face, distance learning. Emphasis is on ?just-in-time? training rather than large-scale blanket events. Includes one-on-one time with Instructional Technology Specialists LEA LRPT Correlates: EP01, EP03, I05	State: Original Status: In Progress	Ongoing	Technology staff, ITS	Enrollment records, increased productivity and use of technology
2.5.2:	Continue supporting and training support staff in emerging technology tools for enhanced productivity (Board Books, Google Apps, wikis & web site) LEA LRPT Correlates: EP03, I07, I08, LAS07, LAS08	State: Revised Status: In Progress	Ongoing	Technology staff	Increased effective use of district technology resources.
OBJECTIVE 2.6:					
Capabilities of Educators with Online Learning: Provide professional development to increase awareness of, and promote various types of online learning.					
<i>Budget Amount \$10,000.00</i>					
<i>LRPT category: Educator Preparation and Development</i>					
E-Rate Correlates: ER01, ER02					
NCLB Correlates: 01, 02, 03, 04a, 04b, 07, 08, 12					
<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.6.1:	Provide support and instruction for teachers using online/interactive tools in the classroom, using a variety of devices. LEA LRPT Correlates: EP04, TL05, TL08, TL09, TL12, TL13, TL16	State: Revised Status: In Progress	Technology staff, Integration Specialists	Tech staff, Instructional specialists	Use of interactive tools in the classroom; PDAS/TTESS, walk-throughs
2.6.2:	Provide support and instruction for teachers to develop effective web-based using Google Sites, Google Classroom, or current web services LEA LRPT Correlates: EP09, TL04, TL08, TL13	State: Revised Status: In Progress	Ongoing	Technology staff, Integration Specialists	Increase in available effective class and teacher sites

GOAL 3: Leadership, Administration, and Instructional Support: Support district-wide efforts to increase effective technology use. Encourage the integration of technology into curriculum through administrative-level planning and funding.

OBJECTIVE 3.1:

Leadership and Vision: District and campus leadership should support and encourage instructional and administrative technology use, and develop policies that encourage the innovative use of technology.

Budget Amount \$5,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 02, 03, 07

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	Campus and district leaders will work together to refine the vision for technology at MISD at all levels. LEA LRPT Correlates: LAS02, LAS05	State: Original Status: Planned	2016-2019	Superintendent, Technology Director, Principals	Documentation of planning

OBJECTIVE 3.2:

Planning: District staff, students, parents and the community will participate in, and benefit from, a technology planning process that encourages the use of technology to enhance learning and streamline processes

Budget Amount \$25,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Campus and district leaders will work together to refine the vision for technology at MISD at all levels. This includes support for instructional initiatives such as Culture Shift, and other innovations to promote innovation LEA LRPT Correlates: LAS02, LAS05	State: Original Status: In Progress	2016-2019	Technology Director, Principals, Administrator	Documentation of planning
3.2.2:	District technology plan is collaboratively developed, guides policy and practice, and is updated annually. Recommendations are based on STaR chart data, and staff input. Plan and updates align with Texas LRPT recommendations, NCLB and E-Rate criteria. LEA LRPT Correlates: I03, I08, I09, LAS01, LAS02, LAS04, LAS05, LAS07, LAS08	State: Revised Status: In Progress	2016	Superintendent, Technology Director, Principals, Technology Committee	Documentation of meetings and revision to technology plans
3.2.3:	District will provide centrally located technical support for all campuses: a) At least one technician per 500 devices, with the goal of one technician per 340 devices. Additional staff will be required as the number of supported devices grows past 1,500. b). Full-time positions for Technology/IT Director and Network Administrator c) Campus-based instructional technology staff with additional instructional technology staff shared among other campuses. LEA LRPT Correlates: I01, I05, LAS03, LAS10	State: Revised Status: In Progress	Ongoing	Superintendent / Board of Trustees	Personnel records, work orders, inventories

OBJECTIVE 3.3:

Instructional support: Facilitate and support the use of technology to support classroom and learning technologies.

Budget Amount \$65,700.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01 NCLB Correlates: 03, 05, 06					
Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.3.1:	Provide a certified classroom teacher to server as Instructional Specialist. Leave available time for High School teacher serving as IS to assist other teachers. On JH & primary campuses, integration is guided by full time instructional and technology staff. LEA LRPT Correlates: EP09, LAS10	State: Revised Status: In Progress	Ongoing	School board, Superintendent, Principals, Technology department	Staff is available on campus; Work order logs and ITS schedules
3.3.2:	Time and resources are provided for technology staff, campus technology teachers and instructional technology staff to engage in professional development. Training may include activities such as region center meetings, annual conventions, and self-study/online courses. LEA LRPT Correlates: EP02, EP06, EP07, EP08, EP09 LEA LRPT Correlates: EP02, EP06, EP07, EP09	State: Original Status: In Progress	Ongoing	Principals, Technology Director	Attendance records, certifications, increased knowledge, PD records
3.3.3:	Provide competent staff to assist in classroom technology use. LEA LRPT Correlates: EP09, I09, LAS10	State: Revised Status: In Progress	Ongoing	Technology Director	Documentation of in-house PD, work order records

OBJECTIVE 3.4:

Communication and Collaboration: Use a variety of means to support interaction with parents, community, and within the district.

Budget Amount \$18,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 04b, 09, 10

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.4.1:	Maintain district website to share district and campus news and information. A staff member on each campus should be responsible for maintaining and updating the information on a weekly basis, Facebook, RSS, and Twitter feeds are incorporated into the websites to encourage parent involvement. Teachers are strongly encouraged to use class websites to promote interaction with parents. Electronic gradebooks are kept current so that parents can use TxEIS portal to access student attendance, grades, and assignment information LEA LRPT Correlates: I03, I08, LAS11, TL16	State: Revised Status: In Progress	Ongoing	Technology staff, Principals	Websites are current and relevant
3.4.2:	Maximize the use of SchoolWay smart-phone app as a tool for engaging parents and community. Continue exploring similar contemporary channels for strengthening school-home-community connections. LEA LRPT Correlates: I03, I08, LAS11, TL16	State: Original Status: In Progress	Ongoing	Superintendent, Principals, Technology Director	Message logs
3.4.3:	Maintain phone/text communication system, used to provide parents with emergency phone calls, automated attendance calls, and general information LEA LRPT Correlates: I08	State: Revised Status: In Progress	Ongoing	Superintendent, Principals, Technology staf	Call logs
3.4.4:	Provide access to the community during weekends and evenings for meetings, community forums, and training events. Access to technology and facilities is granted as needed. LEA LRPT Correlates: LAS09, TL15	State: Revised Status: In Progress	Ongoing	Campus administrators, Technology staff	Documented use by community programs

OBJECTIVE 3.5:

Budget: Budget to fund technology implementation, seeking funding through local funding, state and federal initiatives, allotments, grants, and E-Rate discounts. Continue to provide budgetary support needed to meet our goals for technology implementation as specified in district and campus plans.

Budget Amount \$9,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 03, 05, 06, 12

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.5.1:	Allocate funds on each campus, to provide for supplies such as printer, toner, and projector replacement lam LEA LRPT Correlates: LAS01, LAS02	State: Revised Status: In Progress	Ongoing	Finance staff	District and campus budgets
3.5.2:	Encourage the use of paper-less classroom using collaborative tools such as Google Classroom. LEA LRPT Correlates: EP08, I02, LAS02	State: Original Status: In Progress	Spring 2016-ongoing	Principals, Tech staff	Decreased annual paper use
3.5.3:	Allow funding and support for staff training through substitute teachers, stipends, and required technology professional development. LEA LRPT Correlates: EP01, EP02, EP03, LAS06, LAS08	State: Revised Status: In Progress	Ongoing	Superintendent, Finance staff	District and campus budget
3.5.4:	Thirty percent of technology budget is allocated for staff development. LEA LRPT Correlates: EP01, LAS06	State: Revised Status: In Progress	Ongoing	Superintendent, Finance staff	District and campus budgets

OBJECTIVE 3.6:

Leadership and Support for Online Learning: Provide support and opportunities for online learning for both staff and students.

Budget Amount \$27,000.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

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

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.6.1:	Continue to provide support for the Plato /edmentum programs to facilitate online credit recovery LEA LRPT Correlates: I05, I09, TL09, TL12, TL13	State: Revised Status: In Progress	Ongoing	Technology staff, principals	Students enrolled in programs
3.6.2:	Explore opportunities within existing tools (Google Apps for Education, Eduphoria, etc.) to incorporate online learning materials to support and enhance instruction. LEA LRPT Correlates: I05, I09, TL09, TL12, TL13	State: Revised Status: In Progress	Ongoing	Technology staff, Principals, Teachers, Instructional staff	Lesson plans include online learning components, logs of online training

GOAL 4: Infrastructure for technology: Build and maintain a technology infrastructure that supports anywhere, anytime learning, and provides an appropriate platform for technology integration

OBJECTIVE 4.1:

Students per classroom computers: Develop and maintain a ratio of one technology device per student. Devices should be available as needed, using a combination of classroom sets, labs, and shared carts.

Budget Amount \$500,000.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03, 05, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.1.1: Replace classroom and lab devices/computers as needed. Use a 6-7 year replacement cycle for Windows computers, or replace with appropriate devices as they no longer perform as required. LEA LRPT Correlates: I04, I07, TL10	State: Revised Status: In Progress	Ongoing	Technology staff	Purchase orders
4.1.2: For 6th grade and above, maintain class sets of laptops or Chromebooks as needed. Depending on the number of students and devices, they may be assigned to Classrooms or to Students. LEA LRPT Correlates: I04, I09, LAS15, TL05, TL08, TL09, TL12, TL13, TL16	State: Original Status: Planned	June 2016? July 2019	Technology Director	Purchase orders, classroom computers
4.1.3: As computer labs age, replace them with Virtual Desktops. Maintain at least one computer lab per campus. LEA LRPT Correlates: I04, I05, I07	State: Original Status: Planned	Fall 2016- July 2019	Technology Staff	Purchase orders; Computer labs are upgraded and adequate
4.1.4: Maintain parts, tools, certifications and program participation to ensure that computers are repaired and back in service in a timely manner LEA LRPT Correlates: I04, I05, I07, I09	State: Revised Status: In Progress	Ongoing	Technology Director, Tech Staff	Repairs are completed; work order system
4.1.5: In elementary grades, maintain older computers in individual classrooms for low-tech tasks such as AR testing, so that more in-demand devices can be appropriated more adequately. LEA LRPT Correlates: I07, LAS01	State: Original Status: In Progress	Ongoing	Tech staff, principals	AR testing logs, inventory

OBJECTIVE 4.2:

Internet Access Connectivity Speed: Provide adequate Internet bandwidth for students, teachers, and staff.

Budget Amount \$75,000.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03, 05, 12

<i>Strategies</i>	<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.1: Work with telecommunications consortium to provide adequate Internet connectivity to instructional and support staff. LEA LRPT Correlates: I01, I05, I08	State: Revised Status: In Progress	Ongoing	Technology Director	Access to Internet tools and services, invoices, meeting notes

4.2.2:	Improve wiring infrastructure on existing campuses to allow for increased bandwidth and Internet access in classrooms and common areas. LEA LRPT Correlates: I01, I05, I06, I08	State: Original Status: Planned	July 2016 - July 2017	Technology Director	Invoices
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OBJECTIVE 4.3:
 Classroom technology: Make sure all classrooms are equipped with appropriate tools to enhance student instruction
Budget Amount \$75,000.00
LRPT category: Infrastructure for Technology
 E-Rate Correlates: ER01
 NCLB Correlates: 03, 05

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.3.1: Continue to outfit regular classrooms with interactive whiteboards, sound field reinforcement systems, document cameras, and other technologies as appropriate. LEA LRPT Correlates: I01, I09	State: Revised Status: In Progress	Ongoing	Technology staff	Equipment in classroom, requisitions/purchase orders
4.3.2: Evaluate new technology for effective classroom use, considering. Consider the total cost of ownership in evaluation of classroom technology. LEA LRPT Correlates: I09, TL05, TL13	State: Revised Status: In Progress	Ongoing	Technology staff, Instructional staff	Incorporation of new technologies

OBJECTIVE 4.4:
 Technical Support: Maintain current technical support levels (Advanced) across the district.
Budget Amount \$80,000.00
LRPT category: Infrastructure for Technology
 E-Rate Correlates: ER01
 NCLB Correlates: 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.4.1: Use Help Desk software to better track and manage support requests. Evaluate how well Eduphoria system meets district needs; investigate options. LEA LRPT Correlates: I01, I05	State: Revised Status: Planned	April 2016 ? June 2018	Technology staff	Workorder Records
4.4.2: Provide adequate staffing ratios, and appropriate staff type & certifications to support hardware and network. LEA LRPT Correlates: I01, I05	State: Revised Status: In Progress	Ongoing	Superintendent, Technology Director	Personnel records

OBJECTIVE 4.5:
 Technical Support. Local Area Network / Wide Area Network. Improve MISD's LAN/WAN connectivity to Target area.
Budget Amount \$90,000.00
LRPT category: Infrastructure for Technology
 E-Rate Correlates: ER01
 NCLB Correlates: 03, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.5.1: Increase district backbone connectivity to 10 Gbps, and deliver 1 Gb to all classrooms. This will involve upgrades to fiber connections and campus wiring structures.	State: Original	Spring 2016- Spring 2019	Technology Director, Network Administrator	Increased capability, invoices

	LEA LRPT Correlates: I01, I06, I07, I09	Status: Planned			
4.5.2:	Upgrade network management software and servers to provide adequate management and access. LEA LRPT Correlates: I01, I07, I08	State: Revised Status: In Progress	ONgoing	Technology staff	Purchase orders, Increased bandwidth management and availability
4.5.3:	Continue upgrading network switches and equipment to support larger internal wireless network and separate VLANs for phone traffic. LEA LRPT Correlates: I01, I04, I05, I06, I09	State: Original Status: Planned	Feb 2016 ? June 2018	Technology Director , Network Admin	Purchase orders, expanded capacity
4.5.4:	Review district backup and recovery plans, and develop a workable business continuity plan. LEA LRPT Correlates: LAS14	State: Original Status: Planned	June 2016- June 2018	Technology Director, Superintendent	Backup logs & tests

OBJECTIVE 4.6:

Distance Learning Capacity: Provide opportunities at all campuses for a variety of Distance Learning experiences

Budget Amount \$25,000.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 01, 05, 08

<i>Strategies</i>		<i>State/Status:</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.6.1:	Continue working with ESC XIV to provide distance learning opportunities for all grade levels. LEA LRPT Correlates: I02, I06, LAS13, TL09, TL13, TL16	State: Revised Status: In Progress	Ongoing	Technology staff, instructional staff	Logs of DL programs
4.6.2:	Continue working with businesses and community resources to provide free wireless access locations to students, staff and community LEA LRPT Correlates: I02, I06, LAS09, LAS13, TL09, TL16	State: Revised Status: In Progress	Ongoing	Superintendent, Technology staff, instructional staff, Principals	Increased availability and use of resources

Budget

Budget year 2016		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$140,000.00	local funds 100%
Telecommunications & Internet Access	\$77,000.00	80% erate 20% local
Materials & Supplies	\$88,000.00	local funds
Equipment	\$99,150.00	50% erate 50% local
Maintenance	\$122,000.00	local 100%
Miscellaneous Expenses	\$27,700.00	local 100%
Total	\$553,850.00	

Budget year 2017		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$140,000.00	local funds 100%
Telecommunications & Internet Access	\$77,000.00	80% erate 20% local
Materials & Supplies	\$88,000.00	local funds 100%
Equipment	\$99,150.00	50% erate 50% local
Maintenance	\$122,000.00	local funds 100%
Miscellaneous Expenses	\$27,700.00	local funds 100%
Total	\$553,850.00	

Budget year 2018		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$140,000.00	local funds 100%
Telecommunications & Internet Access	\$77,000.00	80% erate 20% local
Materials & Supplies	\$88,000.00	local funds 100%
Equipment	\$99,750.00	50% erate 50% local
Maintenance	\$122,000.00	local funds 100%
Miscellaneous Expenses	\$27,866.00	local funds 100%
Total	\$554,616.00	

Evaluation

Evaluation Process:

Each campus will create and maintain a Technology Use Plan (TUP), within the Campus Improvement Plan, and ensure that it is aligned with this District Technology Plan. The TUP process should be an integral part of current planning processes. Each campus should:

1. Form a technology implementation committee
2. Create and complete STaR and TUP Evaluation Chart. The chart identifies student learning outcomes, site priorities, activities, evaluation and management strategies, resources (people, software, hardware) and estimated costs.
3. File your STaR and TUP Charts with the Assistant Superintendent.

The Technology Department will work with each campus to review the TUP and provide any assistance necessary in developing and implementing the plan.

Evaluation Method:

Evaluation of the Technology Plan will be conducted through a combined effort of the District Technology Committee and the Campus Technology Committee. The classroom teachers will have an integral part in the evaluation process. The evaluation information will be presented to the Campus Technology Committee and District Technology Committee on a yearly basis for evaluation. This information will be used to adapt the Technology Plan as needed.

The following assessment strategies are recommended:

1. Complete the Texas Campus STaR Chart in the fall to determine growth towards Target Tech levels and identify areas of need.
2. The Principals will survey the staff to determine:
 - a. Were the goals of the District Technology Plan and Campus Technology Plan met?
 - b. What is in progress?
 - c. What has been implemented?
 - d. What changes do we need to make?
3. The Superintendent, Principals & Technology Coordinator will determine:
 - a. Is hardware and software used effectively?
 - b. What has been the learner's response?
 - c. What new areas need to be added?
 - d. What areas need to be modified?
4. The Technology Department will inventory and update the inventory of all equipment every year and determine how well we are achieving District and Campus Goals.
5. Each school will complete or update its technology use plan by May 31 of each year.
6. Each school will compile evidence that staff development and other training programs are appropriate to the campus by May 31 of each year.
7. Provide evidence that at-risk students are sought out and encouraged to take rigorous courses through online curriculum.
8. The principal will provide evidence that all teachers are integrating technology into the curriculum and shifting from teacher-centered to learner-centered education taking into consideration abilities, learning styles, and social context (evidence will include lesson plans, personal observation, projects, etc.)

We will certify student and staff learners as they progress through the empowerment levels as detailed on the Texas StaR Charts (Emerging, Proficient, and Expert, as indicated on the Learner Development Charts).

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