# **EDGEWOOD ISD Technology Plan**

2015 - 2018

**JOSE CERVANTES** 

**SUPERINTENDENT** 

# **DISTRICT PROFILE**

**ESC** Region

20

City, State Zip

SAN ANTONIO, TX 78237-1354

Phone

(210) 444-4500 😭

Fax

(210) 444-4548 😭

**County District Number** 015905

Number of Campuses	20
Total Student Enrollment	11709
District Size	10,000 - 24,999
Percent Econ. Disadvantaged	92.50%

Technology Expenditures	\$0.00			
Technology budgets reported in plan by category	Teaching and Learning Budget Educator Preparation and Development Budget Leadership, Administration and Support Budget Infrastructure for Technology Budget Total:			
Technology Expenditure Per Pupil	\$0.00			
Number of Campuses with High-Speed Broadband Internet Access	20			
Percentage of Campuses with High-Speed Broadband Internet Access	100.00%			
Number of Classrooms with High-Speed Broadband Internet Access	885			
Percentage of Classrooms with High-Speed Broadband Internet Access	99.55%			
•	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 05/19/2014. The Board of Trustees of EDGEWOOD ISD held a public hearing on its Internet Safety Policy on 26 July 2011 and adopted its policy on 23 August 2011. The public hearing was publicized according to district policies and the adoption of the policy is reflected in the minutes of the board of trustees.			

## **Plan Introduction**

Plan Last Edited 03/05/2015

Plan status:not submittedYears Included in the Plan:2015 - 2018

Number of years covered by the plan: 3

### **Technology Planning Committee**

Lilia Nanez; Dr. Mary Miller-Baker; Leslie Stephens; Anna Nieto; Pamela Reece; Kimberly Jett; Erlinda Rodriguez; Michael Rodriguez; Carolina Gonzales; Delilah Trevino; Patricia Zamora; Sally Andruzzi; Melisa Bombella; Cindy Trevino; Susan Forthman; Graciela Martinez; Ronald Foster

# **Executive Summary**

This Technology ePlan for Edgewood Independent School District updates and enhances our previous plan, which was peer-reviewed and approved for three years by Region 20 and TEA. The ePlan incorporates many technology funding programs and new requirements into one consolidated plan which reflects more fully our educational, instructional, and staff developmental goals,?as well as documents our initiatives in fulfilling the expectations and requirements of Texas Long-Range Plan and E-Rate. Our Needs Assessments came from multiple sources, but specifically we incorporated elements from the Texas STaR Chart, the Texas Education Agency (TEA) Technology Plan Approval Form for Participants in Universal Service Fund E-Rate Discounts, EasyTech technology proficiency assessments for eighth grade students, and the requirements from the Edgewood District Technology Committee. We have incorporated Edgewood ISD's goals, budget, time lines, monitoring personnel and anticipated resources into the plan.

This plan?will be periodically updated to match new requirements, funding resources and changes in technology. The plan is driven by the integration of technology into the teaching and learning processes, utilization of the?robust technology architecture developed over the past few years under the E-Rate program and are now?focusing on?the convergence of voice, video, and data. We continue to show the impact of the NCLB act on instruction and staff development, as well as to provide accountability for each aspect referenced. This ePlan establishes clear goals, observable and measurable products, evaluation materials, and corresponding time lines for using technology to endow our students with the information age skills necessary to achieve, both academically and in the marketplace.

### **Needs Assessment**

### **Assessment Process:**

Edgewood ISD uses TEKS, the District Improvement Plan, EasyTech's proficiency assessments of students, past Technology Plans, and Instructional Technology Facilitators' forums to develop our formal technology Needs Assessment. Input is garnered from the Principal's Meetings, District Education Improvement Council (DEIC) Meetings, District Technology Committee, District Technology Vision Committee, and the Superintendent's Meetings. Lastly, we meet at the Texas Regional Extension Service Center (Region 20) with regional Technology Coordinators and Directors to discuss goals and trends for the State of Texas, the Regions, and other like districts who share educational and instructional programs and projects for the future. We use our Needs Assessment to develop a very strong foundation so that the physical aspects of technology are readily available for our students, teachers, support staff and administrators.

Edgewood ISD carefully constructs a Needs Analysis and Statement of Need to make efficient and effective use of our support of our infrastructure. Additionally, we will continue to utilize the Teacher STaR Chart data to effectively guide us in creating future technology plans. See appendix for web resources used.

#### **Existing Conditions:**

Following our Needs Assessment process over the past years, we have fulfilled our goals on an incremental basis. We have merged our voice, data, and video systems utilizing a switched network that delivers video to the desktop at 300 Mbps and moves data at up to 10 Gbps speed. Also, we have fully implemented voice over Internet Protocol throughout the district, providing online distance learning to the desktop as another media for teachers to utilize for electronic teaching and learning. We continue to use both fixed-room computer labs for both students and staff development centers, as well as wireless-connected mobile labs in a number of our schools.

All classrooms have a minimum of seven network drops. Libraries and special training areas have more, depending on their requirements. All educational buildings have wireless access points installed providing wireless access to all students, staff, and guests. Each classroom is equipped with a phone that is enabled with voice and email messaging, and enhanced broadcast capabilities. Each campus has video conferencing capability and access to electronic field trips. The district is equipped with cable to desktop ability.

This structure delivers online services such as Discovery Learning, an online video/audio library, and Digital Knowledge Central, with extensive reference resources to enhance teaching and learning. In addition, this structure enables the utilization of educator tools such as EduSoft, Eduphoria, Pinnacle, Aware, and Wireless Generation for managing and monitoring student progress of district benchmarks and TAKS objectives.

All PK-3 teachers use handheld devices for administering student assessments and monitoring their academic progress to identify areas of weakness for remediation. All administrators use hand-held devices for classroom walkthroughs and teacher appraisals.

All certified staff are expected to complete three technology performance assessments and develop an online professional portfolio that confirm their ability to utilize the technology available. An extensive, online staff development program is in place to assist teachers, and other employees, to develop these skills that are delineated in technology section of Texas' State Board of Educator Certification. Edgewood ISD has 918 certified staff for the 2015-2016 school year. The total number of educators who have participated in the assessment process reached 603 (65.7%) over the course of the year. A total of 467 (50.9%) of all educators have completed the series of three technology proficiency assessments. One hundred, fourteen(12.4%) of all certified staff have completed their online portfolio requirement.

We have adapted TEKS Resources (TCMPC)to support part of our online Curriculum Management System which will enable better coordination of lesson planning, student performance, staff development and the monitoring of the teaching and learning of TAKS objectives.

Edgewood ISD is dedicated to protecting the students of the district from inappropriate internet content without blocking all content. Edgewood utilizes Lightspeed, a granular web blocking filter that meets CIPA standards. Lightspeed enables Edgewood to generate comprehensive reports to help easily monitor use and to explore trends and problems that may exist in the district. Edgewood also has Barracuda, an email security service that protects inbound and outbound email from various harmful internet threats.

Students and staff receive and sign the district's Acceptable Use Policy (AUP) once a year at the beginning of the school year. This policy describes limits in personal online behavior and holds the user accountable for personal behavior. Each year, all students are rotated through a Cyber Safety class that educates them on acceptable online behavior including interacting with other individuals on social networking sites and in chatrooms and cyberbullying awareness and response.

We will continue the implementation of EasyTech's technology assessments of student technology skills for eighth graders.

### **Technology Needs:**

All users, but particularly teachers and students, need to continue to increase their technology skills to better utilize the technology services available. There is a significant need to increase the integration of technology into everyday teaching and learning. This integration process must include regular classroom instruction, technology-assisted assessments, and extensions of the classroom such as the summer enrichment program for students, electronic field trips, robotics, and the development of campus webs and digital yearbooks.

Various learning modalities of employees and students must be accommodated by the increased use of visual and auditory media, such as the broadcasting of locally created videos, as well as utilizing those available through subscription services. Students must be better aware of and participate in career pathways that can prepare them for high-skill industry demands. As a result of these activities, students will not only improve their technology skills, they will also better develop content knowledge.

We must continue to improve communications among district employees by utilizing technologies that organize, access and present data. Through conferences and online services we need to continue to better communicate with students, parents and other community members on how to effectively utilize such services as the district's web site and online grades and attendance.

Therefore, we must continue our well-established and effective technology staff development program to educate and empower our employees to effectively meet these myriad needs.

We must continue to collect and better utilize data that show how well our students are developing skills necessary for future education and employment. We will continue to implement a uniform and systematic replacement of outdated equipment, programs and software. We must continue to make the necessary purchases to meet the goal of a 1:1 ratio of students to computing devices. Our needs assessments also show that we continue to have a significant need to improve technical support, especially to schools.

# Goals, Objectives, and Strategies

GOAL 1: Develop, utilize and review procedures that standardize implementation and maintenance of technologies

### **OBJECTIVE 1.1:**

Ensure effective use of technology resources, equipment and support services

Budget Amount \$0.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 02, 03, 05, 06, 08, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.1.1:	Technology Committee meets to develop, review and recommend technology related procedures  Comments: District-wide Educational Improvement Council (DEIC, Technology Committee monthly meetings See 2.1.3 for funding  LEA LRPT Correlates: LAS01, LAS02, LAS04, LAS05, LAS14	State: Original Status: In Progress	2015- 2018	Chief Academic Officer, Technology Director, Campus Administrators (1 secondary & 1 elementary), Executive Officers, Software Support Coordinator	Sign-in sheets, policies and procedures, DEIC minutes
1.1.2:	Ensure district policies and regulations include a policy of Internet safety that includes measures to block or filter content per CIPA regulations.  LEA LRPT Correlates: I03, LAS01, LAS09	State: Original Status: In Progress	ongoing	Director of Technology	Written policy

### **OBJECTIVE 1.2:**

All administrators will identify and evaluate teacher implementation of technology integration

Budget Amount \$0.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01 NCLB Correlates: 01, 02, 11

Strateg	Strategies		Timeline:	Person(s) Responsible:	Evidence:
1.2.1:	Evaluate Technology Integration during classroom observation and walkthroughs to coach as appropriate  LEA LRPT Correlates: EP05, LAS10	State: Original Status: Planned	2015- 2018	Chief Academic Officer, Director of Staff Development, Software Support Coordinator	
1.2.2:	Ensure technology integration and teacher technology standards are components of the local educator appraiser system LEA LRPT Correlates: LAS05, LAS10, LAS12	State: Original Status: Planned	2015- 2018	Chief Academic Officer, HR Director	

### GOAL 2: Increase the use of programs and applications to enhance best practices across all content areas

### **OBJECTIVE 2.1:**

All K-8 students will develop, enhance and increase their technology literacy by 10% each year of the plan as measured by the 5th and 8th grade technology assessment

Budget Amount \$0.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01 NCLB Correlates: 01, 05, 06, 07

Strategi	es	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	All K-8 students will develop or enhance keyboarding skills through the use of online keyboarding programs. Provide access for home use.  Comments: EasyTech Keyboarding. Encourage activities such as graphing student progress, keyboarding competitions, etc. See 2.1.3 for funding LEA LRPT Correlates: TL01, TL03, TL04, TL05, TL07, TL09, TL13, TL15	State: Revised Status: In Progress	ongoing	Technology Applications Teachers (6-8) and Classroom teachers (K-5)	Class roster, teacher observation, Easy Tech reports (Technology Applications TEKS state adopted program), Read, Write & Type program reports
	Continue to administer a performance-based instrument to assess fifth & eighth grade students' progress on Technology Applications TEKS  Comments: Assessment instrument= TechAssessment by Learning.com See 2.1.3 for funding  LEA LRPT Correlates: LAS01, LAS05, TL01, TL03, TL04, TL05, TL06, TL07, TL08	State: Revised Status: In Progress	ongoing	Director of Curriculum and Instruction, Instructional Technology Specialists, Technology Applications Teachers (6-8) and Classroom teachers (K-5)	Assessment instrument, assessment results
	Use EasyTech curriculum, enhance core content learning through the development of K-8 essential computer and technology skills  Comments: Budget Source(s): IMA - \$220,000 15-16: \$74,000 16-17: \$74,000 17-18: \$74,000  LEA LRPT Correlates: LAS01, LAS05, TL01, TL03, TL04, TL05, TL06, TL07, TL08, TL09, TL13	State: Revised Status: In Progress	2015- 2018	Instructional Technology Specialists, Instructional Technology Facilitator, Technology Applications Teachers (6-8) and Classroom teachers (K-5)	EasyTech curriculum is a state adopted TA TEKS program. It includes content and progress reports
	All 5-8th grade students will develop, enhance and apply their knowledge of desktop publishing applications as required by state Technology Application TEKS and District Benchmarks.  LEA LRPT Correlates: I01, I05, I06, I07, I09, LAS01, LAS02, TL01, TL03, TL05	State: Revised Status: In Progress	2015- 2018	Campus Educators	Lesson plans, student products, 5th and 8th grade technology assessment results

Use technology to increase students' STAAR scores through integrated core content instruction or Integrate technology with core content instruction to increase students' STAAR scores

Budget Amount \$0.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 04a, 06, 07, 08, 09, 11, 12

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Strateg	ies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:			
2.2.1:	Guided by district K-8 technology benchmarks, all elementary and middle school students will use technology to enhance the development of content knowledge LEA LRPT Correlates: LAS01, LAS10, TL01, TL05, TL06, TL07, TL14	State: Original Status: In Progress	2015- 2018	Technology Applications Teachers (6-8) and Classroom teachers (K-5)	Lesson plans, student products, classroom observations, district content benchmark assessments, TAKS scores, electronic field trip confirmations, online resources reports & student products			
2.2.2:	Students will participate in targeted technology activities  Comments: Broadcast productions are student-generated and average 5 -15 minutes each. Encourage business community to sponsor these efforts.  LEA LRPT Correlates: EP09, I01, I05, I06, TL05, TL08, TL12	State: Original Status: In Progress	2015- 2018	Campus Instructional Technology Facilitator	broadcasts, yearbooks on CDs			
2.2.3:	Using handheld devices, all EC-8 teachers will administer online diagnostic assessments.  Comments: The use of handheld devices will expedite the collection and analysis of data helping to identify specific student needs  LEA LRPT Correlates: I05, I09, LAS01, TL01, TL02, TL05, TL08, TL12, TL14, TL15	State: Revised Status: In Progress	2015- 2018	Early Childhood Directors, Early Childhood Content Specialist, Campus Reading Literacy Teacher, Classroom Teacher	Reading inventory reports			
2.2.4:	Instructional Technology Facilitators will lead in the integration of technology in the core curriculum instruction  Comments: Integration is through modeling, coaching, just-in-time training and the maintenance of the TEKS Resource integration web site. See 5.5.1 for funding  LEA LRPT Correlates: EP01, EP09	State: Original Status: Planned	ongoing	Chief Academic Officer, Director of Curriculum and Instruction	CSCOPE integration web pages, student produced products			
2.2.5:	Continue to purchase and provide for specialized assistive devices and software based on individual education plans (IEPs)  Comments: Budget Source: IDEA-B \$36,000 15-16: \$12,000 16-17: \$12,000 17-18: \$12,000	State: Original Status: Planned	2015- 2018	Director of Special Education, Coordinator of Sp. Ed., Assistive Technology Facilitator, Special Education Teachers and Staff	Asset tags, IEP documentation, purchase orders			

LEA LRPT Correlates: EP01, EP09,		
LAS01, LAS06, LAS10, TL01, TL03,		
TL05, TL06, TL08, TL16		

### **OBJECTIVE 2.3:**

Students will improve their knowledge and skills through the use of specialized programs and courses

Budget Amount \$0.00

LRPT category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01, 02, 03, 04a, 04b, 06, 08, 11, 12

Strateg	ies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:	
2.3.1:	Implement relevant endorsements/majors to prepare students for high skill industry demands  Comments: Middle School and High School Strategy  LEA LRPT Correlates: LAS07, LAS08, LAS13, TL01, TL02, TL05, TL08, TL12	State: Original Status: In Progress	2015- 2018	Director of CTE Business Partnerships, Campus Administrators, CTE Teachers	Student course enrollment, PEIMS coding of CTE students	
2.3.2:	Use electronic software program to create and monitor each student's 4 year plan  Comments: Bridges software. Middle School/High School: Budget Source(s): Local (\$54,000) 15-16: \$18,000 16-17: \$18,000 17-18: \$18,000  LEA LRPT Correlates: EP03, I05, LAS08, TL08	State: Original Status: In Progress	2015- 2018	District Guidance and Counseling Administrator, Director of CTE Business Partnerships, Campus Guidance Counselors, CTE Specialist	Students' 4 year plans	
2.3.3:	Offer Engineering and Robotics programs after school  Comments: EARLY, FIRST, GEAR, and TCEA Robotics competitions Budget Source(s): Local (\$49,200) 15-16: \$16,400 16-17: \$16,400 17-18: \$16,400  LEA LRPT Correlates: LAS07, LAS10, LAS13, TL12	State: Revised Status: In Progress	2015- 2018	CTE Director, Robotics coaches	Sign in sheets, robotics website	
2.3.4:	Work cooperatively with local colleges and industry to provide the high schools with relevant courses LEA LRPT Correlates: LAS07, LAS13, TL12, TL13	State: Original Status: Planned	2015- 2018	STEM Director, CTE Director, Student Support Services Director	Master Schedules, student registrations, Statement of Work	
2.3.5:	students in need of credit recovery or alternative scheduling Comments: Use Programs such as Edgenuity Budget Source(s): Title1 (\$273,240) 15-16: \$91,080 16-17: \$91,080 17-18: \$91,080 LEA LRPT Correlates: I09, LAS05, LAS15, TL04, TL05, TL07, TL13	State: Revised Status: In Progress	2015- 2018	Executive Director of Secondary Schools, CTE Director, Campus Academic Deans, College Readiness Coordinators	Class rosters, Student records	
2.3.6:						

Offer Tier II and Tier III intervention programs to all students in need of intervention  Comments: iStation, Think Through Math, eSTAR, UT diagnostics, Envision, Reflex Math, Achieve3000 Budget Source(s): StateComp (\$522,000) 15-16: \$174,000 16-17: \$174,000 17-18: \$174,000	State: Original Status: Planned	2015- 2018	Director of Secondary Schools, Director of Elementary Schools	Student data, progress reports, purchase orders
LEA LRPT Correlates: I09, LAS08, LAS15, TL04, TL05, TL07				

### **OBJECTIVE 2.4:**

Implement the use of specialized software and online services

Budget Amount \$0.00 LRPT category: Teaching and Learning

E-Rate Correlates: ER01 NCLB Correlates: 01, 02, 07

Strateg	nies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.4.1:	Continue to use online curriculum scoring services to analyze data, manage and monitor student academic progress and develop district benchmark assessments  Comments: Edusoft Budget: Local (\$180,000) 2015-2016: \$60,000 2016-2017: \$60,000 2017-2018: \$60,000  LEA LRPT Correlates: I09, TL04	State: Revised Status: In Progress	2015- 2018	PEIMS Director, Federal and State Programs Director, District Testing Coordinator, Assessment Evaluator	Purchase orders, online services
2.4.2:	Renew Subscriptions to online services  Comments: {ESC20 Services include: Media Library Access, DKC, EBSCO (funded by State), Thompson Gale (Test prep database), Thompson Gale (Databases for all Campuses), & ABC CLIO} Budget Source(s): Local (\$476,790.00) 15-16: \$158,930.00 16-17: \$158,930.00 17-18: \$158,930.00 SpecEd - ESped: \$33,500, Review260: \$17,000, MVRC: \$19,500 total \$244,500 15-16: \$81,500 16-17: \$81,500 17-18: \$81,500  LEA LRPT Correlates: I05, I09, LAS05, LAS08, LAS15, TL08, TL10, TL11	State: Original Status: Planned	ongoing	PEIMS Director, Federal & State Programs Director, Director of Elementary Secondary Schools	Purchase orders, online services

# GOAL 3: Provide staff development for all personnel to strengthen teaching through the blended learning process

### **OBJECTIVE 3.1:**

Throughout the implementation of the plan, 100% of the professional staff will meet ITSE-T standards as measured by professional web portfolios and product-based learning

Budget Amount \$0.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01, 03, 04b, 06

Strateg	ies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	Provide professional development for secondary classrooms specific to course or program requirements, to include tech apps endorsements  Comments: see 2.4.2 for funding  LEA LRPT Correlates: EP02, EP05, LAS01	State: Revised Status: Completed	2015- 2018	Director of CATE	Eduphoria Reports
3.1.2:	Throughout the implementation of the plan, the district will make supplemental online resources available to help teachers continue their education  Comments: Ex: Windows, Office Suite Budget Source(s): Local \$120,000 15-16: \$40,000 16-17: \$40,000 17-18: \$40,000  LEA LRPT Correlates: EP03, EP06, LAS06, LAS10, TL05	State: Revised Status: In Progress	2015- 2018	Software & Support Coordinator, Instructional Technology Specialist, Campus Instructional Technology Facilitators	Online resources, attendance rosters, generated reports
3.1.3:	Instructional Technology Staff and selected teachers and Administrators will attend technology conferences  Comments: ITF Budget Source(s): Local \$57,000, 15-16: \$19,000 16-17: \$19,000 17-18: \$19,000 SpecEd Staff Budget Source: Local \$600, Title1: \$600 15-16: \$400 16-17: \$400 17-18: \$400  LEA LRPT Correlates: EP01, EP06, LAS05, LAS06	State: Revised Status: In Progress	2015- 2018	Curriculum Coordinator, Instructional Technology Specialist	Authorizations to travel, receipts, post- conference reporting sessions
3.1.4:	All teachers will develop a professional portfolio that will be evaluated using a rubric based on the ITSE-T standards.  LEA LRPT Correlates: EP04	State: Original Status: Planned	2015- 2018	Instructional Technology Specialist, Instructional Technology Facilitator, Webmaster	Schoolwires online portfolios

### **OBJECTIVE 3.2:**

Teachers and administrators will utilize technology to efficiently assess, and evaluate classroom performance

Budget Amount \$0.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02 NCLB Correlates: 01, 04b, 11

Strateg	ies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Provide opportunity for training and/or updates to staff members using mobile devices to assess classroom performance  Comments: Such as: Amplify, Achieve 3000, iStation, Circle, etc Budget Source(s): Title1 (\$165,000) 15-16: \$55,000 16-17: \$55,000 17-18: \$55,000 LEA LRPT Correlates: EP03, EP06, LAS05, LAS06, LAS08, TL04, TL05, TL07, TL08	State: Revised Status: In Progress	2015- 2018	Software Support Coordinator, Content Specialists, Instructional Technology Specialist, Instructional Technology Facilitators, Instructional Coaches	Attendance rosters, observational data, generated reports
3.2.2:	Train teachers to utilize mobile devices for student learning and instruction  Comments: Such as: Webinars, Videos, Online resources, Project-based learning, IPads, Probes, Student Response Systems, Laptops, etc. Internal Trainers See 5.5.1 for funding  LEA LRPT Correlates: EP03, EP09, 105, 109, TL04, TL05	State: Revised Status: Planned	2015- 2018	Campus Principals, Staff Development Director, Software Support Coordinator, Software Support Specialist, Instructional Technology Facilitators	Classroom observations, projects

### **OBJECTIVE 3.3:**

All professional staff will utilize electronic programs and reference databases

Budget Amount \$0.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

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

Strateg	Strategies		Timeline:	Person(s) Responsible:	Evidence:
3.3.1:	Conduct staff development sessions for all instructional staff  Comments: The Library Connections (TLC)and Inventory Program upgrades. Training sessions conducted during regular school hours.  LEA LRPT Correlates: I07, I09, LAS01, LAS08, TL10, TL11	State: Revised Status: In Progress	2015- 2018	Curriculum Director, Director of Elementary Schools, Principals, Instructional Technology Facilitators	Sign in sheets, program implementation
3.3.2:	Increase the number of instructional staff using task appropriate tools such as Educational Resource Coop from Educational Service Center XX (ESC20, Newsbank, Webfeat, and World Book from Digital Knowledge Central(DKC), EBSCO, Gale Group, Student Research and Testing Center, ABC Clio, E-Books and Discovery Learning)  Comments: see 2.4.2 for funding  LEA LRPT Correlates: LAS01, LAS15, TL05, TL08, TL09, TL10, TL11, TL13, TL15	State: Revised Status: In Progress	2015- 2018	Director of Elementary Schools, Curriculum Director, Instructional Technology Specialist, Instructional Technology Facilitators, Librarians	Usage reports, subscription logs
3.3.3:			Ongoing		

	Provide opportunity for training and update training to staff and new staff members on online programs, specialized software, and database managers  Comments: Includes programs for assessment databases and staff development databases such as: Edusoft, Amplify, Exceed, Wireless Generation, Pinnacle, Eduphoria, online gradebook and attendance, and Textbook Resources (Pearson, HMH, McGraw-Hill, etc.) See 5.5.1 for funding  LEA LRPT Correlates: EP03, EP06, EP08, LAS01, LAS08, TL05	State: Revised Status: Planned		Staff Development Director, Content Specialists, Instructional Technology Specialist, Campus Principals, Instructional Technology Facilitators	Eduphoria reports, attendance rosters
3.3.4:	Provide ongoing training to support the use of interactive whiteboards in the classroom  Comments: see 5.5.1 for funding  LEA LRPT Correlates: EP01, EP03, EP08, EP09, LAS06, TL05, TL08, TL12	State: Revised Status: In Progress	2015- 2018	Director of Staff Development, Software Support Coordinator, Instructional Technology Specialist, Instructional Technology Facilitators	Eduphoria database reports
3.3.5:	Teachers will be trained to establish clear expectations and consequences for actions based on the AUP and Student Code of Conduct.  Comments: Budget Source(s): Local Self-Funded (\$27,000) 15-16: \$9,000 16-17: \$9,000 17-18: \$9,000  LEA LRPT Correlates: EP06, EP08, 105, 109, TL14	State: Original Status: In Progress	ongoing	Chief Academic Officer, Chief Finance & Operations Officer, Director of Curriculum & Instruction	Online log-in records for SafeSchools: CyberSafety, CIPA Compliance, Bullying Prevention

### **OBJECTIVE 3.4:**

Increase the number of teachers with updated websites meeting district standards as recommended by ITSE-T

Budget Amount \$0.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01, 03, 04b, 08, 09

Strateg	iies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.4.1:	Continue to offer staff development sessions and online study guides to assist all teachers in the development and/or maintenance of their online website  Comments: See 5.5.1 for funding  LEA LRPT Correlates: EP01, EP08, EP09, LAS03	State: Revised Status: Planned	ongoing	Campus Principal, Instructional Technology Specialist, Instructional Technology Facilitators	Websites
3.4.2:	Continue to provide assistance through just-in-time training and FAQ help resources on the district website  Comments: Items will be added and updated as needed on a continuing basis See 5.5.1 for funding	State: Original Status: Planned	Ongoing	Software Support Coordinator, Instructional Technology Specialist	Web pages

LEA LRPT Correlates: EP03, EP08, I09

### **OBJECTIVE 3.5:**

All professional staff will utilize ethical practice to make informed decisions about current technologies and their applications

Budget Amount \$0.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02 NCLB Correlates: 04a, 04b

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.5.1:	Provide training opportunities for staff for ethical training such as copyright laws, ethical acquisition, proper etiquette, impact on society, and AUP compliance  Comments: using such programs as SafeSchools See 3.3.5 for funding  LEA LRPT Correlates: EP06, EP08, EP09	State: Original Status: Planned	ongoing	Campus Principals, Staff Development Director, Instructional Technology Facilitators	Online log-in records for SafeSchools: CyberSafety, CIPA Compliance, Bullying Prevention

### **OBJECTIVE 3.6:**

Appropriate professional staff will be provided training and opportunities related to courses and programs

Budget Amount \$0.00

LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02 NCLB Correlates: 01, 04b

Strateg	ries	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	Inform teachers of the opportunity to participate in the Master Technology Teacher program	State: Original	2015- 2018		
	LEA LRPT Correlates: EP06, EP07	Status: Planned			

### GOAL 4: Promote family and community involvement through technology

### **OBJECTIVE 4.1:**

Provide family and community access to information and educational opportunities

Budget Amount \$0.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01 NCLB Correlates: 09, 10

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Strateg	ies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.1.1:	Inform and communicate events via district and campus websites and automated telephone exchange system  Comments: Typical items of interest include required postings, calendars, campus improvement plans, district and school activities and events, current news, academic meetings, updates etc  LEA LRPT Correlates: I01, I03, I08, LAS07, TL15	State: Revised Status: In Progress	ongoing	Public Information Officer, District Webmaster, Director of Federal and State Programs	Web pages reports, phone logs
4.1.2:	Provide technology classes for family and community members  Comments: GED Assessments offered monthly and morning and evening sessions are conducted twice a week. GED/ESL classes offered through Family Service Center. Budget Source(s): Title1 (\$33,000); Local (15,000) 15-16: Title1 \$11,000; Local \$5,000 16-17: Title1 \$11,000; Local \$5,000 17-18: Title1 \$11,000; Local \$5,000 LEA LRPT Correlates: I08, LAS09, TL15	State: Revised Status: In Progress	ongoing	Title 1 Director, Parent Engagement Coordinator	Attendance records
4.1.3:	Provide parents with access to secure student information and grades via TxConnect.  Comments: TxGradebook provided part of Region 20 service agreement  LEA LRPT Correlates: I08, LAS11, TL15	State: Revised Status: In Progress	ongoing	Director of Federal/State Programs, Testing Coordinator, Planning & Student Information Systems Director	Purchase orders, User account logins
4.1.4:	All teachers will record student attendance and grades via iTCCS Classroom Attendance software and TxGradebook LEA LRPT Correlates: I03, LAS05, LAS08, LAS10, LAS11, TL15	State: Revised Status: In Progress	2015- 2018	PEIMS Director, Campus Database Clerk, Campus Principals	
	Continue to utilize software to communicate attendance, school information to parents/guardians  Comments: School Messenger Budget Sources:  LEA LRPT Correlates: I08, LAS05, LAS11, TL15	State: Revised Status: In Progress	2015-2018	PEIMS Director, Campus Principals	Purchase order, logged calls
4.1.6:			ongoing		

Conduct CIPA aligned Internet Safety and Digital Citizenship presentations for students, parents, and community at the campus level and district level.  Comments: NetSmartz adapted curriculum with EasyTech resources	State: Original Status: In Progress	and Instruction, Campus Principals, Instructional Technology Specialist,	Meeting Agendas, Student Attendance Rosters, Parent Sign-ins
LEA LRPT Correlates: TL14, TL15			

# GOAL 5: Improve, maintain and support a technology and telecommunications infrastructure that ensures equitable instructional and administrative access

### **OBJECTIVE 5.1:**

Develop an up to date obsolescence plan with supporting funding

Budget Amount \$0.00

LRPT category: Infrastructure for Technology

E-Rate Correlates:

NCLB Correlates: 02, 03, 05, 06, 12

Strateg	ies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
5.1.1:	Implement a five year plan to increase the number of computers to achieve a 1:1 ratio in the classroom environment  Comments: Budget Source(s) Local (\$971,757) 15-16: \$323,919 16-17: \$323,919 17-18: \$323,919  LEA LRPT Correlates: I02, I04, I07, I09, TL09, TL10	State: Revised Status: In Progress	ongoing	Directors, Federal/State Programs Director, Technology Director, Principals	Purchase orders, district enrollment status, district asse inventory
5.1.2:	Continue to purchase new and replace obsolete technology devices as per the plan  Comments: Budget Source(s): Title1 (1,050,000) 15-16: \$350,000 16-17: \$350,000 17-18: \$350,000 Idea B (\$90,000) 15-16: \$30,000 CTE State: 7,527 15-16: \$2,509 16-17: \$2,509 17-18: \$2,509 Perkins: \$51,441 15-16: \$17,147 16-17: \$17,147 17-18: \$17,147 (Devices include Laptops, Projectors, Tablets, Calculators and other electronic devices to support Teaching & Learning)  LEA LRPT Correlates: EP08, I04, I07, LAS01, LAS02, TL08	State: Revised Status: In Progress	ongoing	Executive Directors, Director of Technology,, Titlel/State Comp. Director, Executive Director of District Operations	Purchase orders, invoices, inventory
5.1.3:	Continue to purchase software and webbased services, and upgrade accordingly  Comments: ESC20 Resources COOP Budget Source(s): (PEIMS)Local (\$777,420.00); IMA: (\$60,000); Title1: (30,000) 15-16: Local \$259,140; IMA: \$20,000; Title1: \$10,000 16-17: Local \$259,140; IMA: \$20,000; Title1: \$10,000 17-18: Local \$259,140; IMA: \$20,000; Title1: \$10,000 LEA LRPT Correlates: I01, I07, I09, LAS01, LAS05, LAS10, TL08, TL09, TL10	State: Revised Status: In Progress	2015- 2018	Executive Directors, Director of Title1 & State Programs, Instructional Technology Director, Technology Coordinator, Coordinator, Instructional Compliance Director, Instructional Technology Specialist	Purchase orders, Software inventory
5.1.4:	Collect and organize data for an end-of- life plan for technology equipment LEA LRPT Correlates: I01, I07	State: Revised Status: Planned	ongoing	Technology Director	Inventory of Equipment

5.1.5:	Continue to support and maintain the integration of digital projectors in the classroom (including the replacement of digital devices)  Comments: \$827,496 local funds (\$27,498 for replacement bulbs) (\$799,998 for replacement projectors) 2015-16: \$275,832 2016-17: \$275,832 2017-18: \$275,832  LEA LRPT Correlates: I07, I09, LAS01, TL08	State: Original Status: Planned	2015- 2018	Director of Technology	purchase orders/equipment in place
5.1.6:	Increase the number of interactive whiteboard devices and interactive polling devices in the classrooms  Comments: Budget Source: Local (\$355,000) 2015-2016: \$355,000 2016-2017: \$0 2017-2018: \$0  LEA LRPT Correlates: I05, TL05	State: Original Status: Planned	ongoing	Executive Director of Curriculum and Instruction	Number of interactive devices/polling devices

### **OBJECTIVE 5.2:**

Maintain, increase and enhance telecommunication devices and services

Budget Amount \$0.00 LRPT category: Infrastructure for Technology

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

Strateg	ies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
5.2.1:	Meet annual service costs for Internet access, Internet filtering service, antivirus service and telecommunication services to provide CIPA-compliant, secure, manageable, consistent, anytime access to the Internet for all students, staff, and community members  Comments: Budget Sources: Local (\$285,000), E-Rate (\$2,565,000) 2015-16: Local \$95,000; E-Rate \$855,000 (Total 950,000) 2016-17: Local \$95,000; E-Rate \$855,000 (Total 950,000) E-Rate \$855,000 (Total 950,000)  LEA LRPT Correlates: I01, I03, I05, I06, I09, LAS14, LAS15, TL08, TL09	State: Revised Status: In Progress	Ongoing	Chief Finance and Operations Officer, Technology Director	Contracts, purchase orders, maintained services
5.2.2:	Sustain data and telephony maintenance and service on switches and PBX systems  Comments: Budget Source(s): Local (\$750,000) 15-16: \$250,000 16-17: \$250,000 17-18: \$250,000  LEA LRPT Correlates: I01, I02, I05, I06, I07, I08, LAS04	State: Original Status: In Progress	Ongoing	Chief Finance and Operations Officer, Technology Director	Purchase orders, maintenance contracts, services rendered
5.2.3:	Replace end of life equipment, switches and upgrade power supplies	State: Revised	Ongoing	Chief Finance and Operations Officer, Technology Director	Purchase Orders, installed devices,

	Comments: Budget Source(s): Local (\$300,000)eRate (\$2,700,000) 15-16: Local (\$100,000)E-Rate (\$900,000) 16-17: Local (\$100,000)E-Rate (\$900,000) 17-18: Local (\$100,000)E-Rate (\$900,000) LEA LRPT Correlates: I07, I08	Status: In Progress			maintenance contracts
5.2.4:	Maintain network bandwidth  Comments: Budget Source(s): Local (\$225,000) 15-16: \$75,000 16-17: \$75,000 17-18: \$75,000  LEA LRPT Correlates: I01, I05, I06, I08	State: Original Status: In Progress	ongoing	Chief Finance and Operations Officer, Technology Director	Purchase Orders, Network Bandwidth Reports
5.2.5:	Continue to support video conferences and virtual field trips in the classroom. Replace obsolete video conference units with new units  Comments: Purchase of 12 MondoPads for campuses. \$75,000 local funds 2015-16: \$75,000 2016-17: 0 2017-18: 0  LEA LRPT Correlates: I01, I03, I05, I07, TL08, TL09, TL12	State: Original Status: Planned	2015- 2018	Director of Technology, Instructional Technology Specialist	Video conference units, video conference/virtual field trip logs

### **OBJECTIVE 5.3:**

Increase the use of wireless transmission of data and video.

Budget Amount \$0.00

LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01 NCLB Correlates: 03, 06

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
5.3.1:	Increase the capacity and coverage of wireless access points for students, staff, parents, and guests for the transmission of data and information  Comments: Budget Source(s): Local (\$240,000) E-Rate (\$2,160,000) 15-16: (\$80,000) E-Rate (\$720,000) 16-17: (\$80,000) E-Rate (\$720,000) 17-18: (\$80,000) E-Rate (\$720,000)  LEA LRPT Correlates: IO1, IO5, IO7, IO8	State: Original Status: In Progress	ongoing	Chief Finance and Operations Officer, Technology Director	Wireless Access Points

### **OBJECTIVE 5.4:**

Conduct, update, and maintain a multimedia device inventory

Budget Amount \$0.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: NCLB Correlates: 03, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
5.4.1:	Implement and maintain new inventory program to track and update district technology equipment inventory.	State: Original	2015- 2018	Chief Finance and Operations Officer, Technology Director	Inventory Database

	Comments: Staff Dev. \$6,000 2015-16: \$2,000 2016-17: \$2,000 2017-18: \$2,000  LEA LRPT Correlates: I04, I07, LAS01, LAS08	Status: In Progress			
5.4.2:	Develop a process of new equipment and software review to meet district standards LEA LRPT Correlates: I07, LAS01	State: Original Status: Planned	2015- 2018	Chief Academic Officer, Chief Finance and Operations Officer, Technology Director	Written Standards Policy

### **OBJECTIVE 5.5:**

Continue to employ specialized personnel for district technology department.

Budget Amount \$0.00

LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01 NCLB Correlates: 03, 05, 06, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
5.5.1:	Continue to employ full-time Instructional Technology Facilitators at sixteen of twenty campuses. Employ an additional ITF to service the Head-Start, Fine Arts, and DAEP campuses on a rotational basis  Comments: Budget Source(s): Title1	State: Revised Status: In Progress	2015- 2018	Chief Finance and Operations Officer, Technology Director	Personnel
	(\$2,862,000) 15-16: Title1 \$944,000 16- 17: Title1 \$954,000 17-18: Title1 \$964,000				
	LEA LRPT Correlates: EP01, EP09, LAS03, LAS10, TL01, TL05, TL08, TL11, TL16				
5.5.2:	Continue to employ district technical staff that installs and maintains computing devices and associated infrastructure  Comments: Budget Source(s): Local (\$1,755,000) 15-16: \$575,000 16-17: \$585,000 17-18: \$595,000  LEA LRPT Correlates: I01, I04, I07, TL08, TL09, TL10, TL11, TL12, TL16	State: Original Status: In Progress	2015- 2018	Chief Finance and Operations Officer, Technology Director, Title 1 / State Comp. Director	Contracts, personnel, work orders
5.5.3:	Employ Technology Director, Technology Coordinator, Technology Specialist, Instructional Technology Specialists, Software Coordinator, Software Specialist, and Network Administrator  Comments: Budget Source(s): Local (\$1,455,000) Title1 (\$475,000 15-16: Local \$475,000; Title1 \$155,000 16-17: Local \$485,000; Title1 \$158,000 17-18: Local \$495,000; Title1 \$162,000	State: Revised Status: In Progress	2015- 2018	Chief Finance and Operations Officer, Technology Director, Chief Academic Officer, Title 1 / State Comp. Director	Personnel, Contracts, Employee Status Forms, Assignments
	LEA LRPT Correlates: EP01, EP08, EP09, LAS01, LAS02, LAS05, LAS10, LAS14, TL05, TL09				

# Budget

Budget year 2015				
Budget item	Cost	Funding Sources with amount per source		
Staff Development	\$0.00			
Telecommunications & Internet Access	\$0.00			
Materials & Supplies	\$0.00			
Equipment	\$0.00			
Maintenance	\$0.00			
Miscellaneous Expenses	\$0.00			
Total	\$0.00			

Budget year 2016				
Budget item	Cost	Funding Sources with amount per source		
Staff Development	\$0.00			
Telecommunications & Internet Access	\$0.00			
Materials & Supplies	\$0.00			
Equipment	\$0.00			
Maintenance	\$0.00			
Miscellaneous Expenses	\$0.00			
Total	\$0.00			

Budget year 2017				
Budget item	Cost	Funding Sources with amount per source		
Staff Development	\$0.00			
Telecommunications & Internet Access	\$0.00			
Materials & Supplies	\$0.00			
Equipment	\$0.00			
Maintenance	\$0.00			
Miscellaneous Expenses	\$0.00			
Total	\$0.00			

### **Evaluation**

#### **Evaluation Process:**

Instruction:

The goal of this technology plan is to increase student achievement. In keeping with the plan's design, one or more individuals will guide the process to ensure that progress is made towards each objective of the plan. Teams will make adjustments as needed, communicate progress to members of the Technology Planning Committee and the necessary stakeholders, and determine elements of plan completion. Teams will make recommendations pertaining to their assigned areas regarding the instructional need to make modifications in existing or consequent plans.

At the campus level, the school principal and the campus technology facilitators will monitor the progress of each objective. The Instructional Technology Specialist convenes instructional technology facilitators on a monthly basis. During this time, the instructional technology facilitators are given the opportunity to provide anecdotal and formal reports on achievements, impediments to progress and feedback from school constituents.

Throughout the year, members of the Technology Planning Committee present reports to and seek feedback from campus leaders through Principals' meetings and the District Educational Improvement Council (DEIC). Each stakeholder group is represented on the DEIC Council.

A copy of the plan is available on the district's website at www.eisd.net.

Using this information, the Technology Planning Committee will determine when and how adjustments are made to meet all components of the plan.

### Infrastructure:

The Infrastructure Technology Department is monitored by the Network Administrator daily for connectivity issues and for bandwidth usage. Reporting data is electronically generated for archival purposes and hourly updates are displayed on department monitors. If a network connectivity issue should arise, internal software will alert network administrators through email of the issue and an alert will appear on department LCD panels. Bandwidth usage is monitored weekly as well as daily during an online testing period. This allows for the district to make any necessary changes to accommodate viable classroom instruction state testing without interruption.

#### **Evaluation Method:**

Instruction:

Interactive software and video resources, such as iStation, Accelerated Math, EasyTech, FUSE, Achieve 3000 and e2020 include ongoing assessment components. Assessment results guide the pathway for each individual student's instructional program. Progress is documented and analyzed via the URS process at the campus level.

Data from each campus STaR chart is collected, compiled into a graphical format and distributed to the district leadership team, to the Technology Planning Committee, to the District Educational Improvement Council and to principals and campus technology teachers on all campuses. Results from the STaR Chart guide the evaluation of the professional development program, and the distribution and maintenance of technology devices. Formal classroom teacher evaluations (PDAS) include a component that assesses the frequency and significance of a teacher's use of technology with students in the classroom.

The Instructional Technology Department designed and administers performance assessments of teachers' technology knowledge and skills. These assessments are based on SBEC standards and range in levels of difficulty. As part of each campus improvement plan, the campus is expected to include strategies designed to increase the number of teachers successfully completing these assessments and utilizing technology within classroom instruction.

Assessment results are maintained by the Instructional Technology Specialist, and a report of each teacher's progress is sent to the campus principal. The Instructional Technology Department periodically compiles the assessment data from each campus. Concurrently, data is reported to district leadership at checkpoints during the year.

District technology benchmarks serve as a standard to guide the implementation of technology. The benchmarks ensure that students attempt challenging state academic standards and the Technology Application TEKS, at the appropriate grade level. Results of these benchmarks are analyzed and reported to campus stakeholders.

InfoSource's assessment of technology knowledge and skills is administered to fifth and eighth grade students. Results from this assessment help to guide adjustments to the district's instructional technology program.

Finally, the use of rubrics, surveys and assessments call for the creation of student products. The technology plan focuses

on the students' meaningful use of technology to enhance learning.

### Infrastructure:

Quarterly reports are generated for committee review that elaborate on network connectivity, bandwidth access and testing windows. Any inconsistencies will be further evaluated at the department level through a review of the content filter for excessive downloads and uploads through the district network.

# **Appendix**

### Attachment item A:

Edgewood ISD's Website

• Web site: http://www.eisd.net

### Attachment item B:

EISD Technology Dept Web Site

• Web site: http://www.eisd.net//Domain/89

### Attachment item C:

Mail Filter Client

• Web site: http://www.barracudanetworks.com/ns/?L=en

### Attachment item D:

Web Filter Client

Web site: http://www.lightspeedsystems.com/

### Attachment item E:

Acceptable Use Policy

• PDF file: http://www.eisd.net/20141062151425217/lib/20141062151425217/\_Files/AUP2012.pdf

### Attachment item F:

Acceptable Use Policy - Spanish version

• PDF file: http://www.eisd.net/20141062151425217/lib/20141062151425217/\_Files/AUP2012sp.pdf

### Attachment item G:

Online safety Resource

• Web site: http://www.onguardonline.gov/

### Attachment item H:

Online Safety Resource

• Web site: http://www.netsmartz.org/

EDGEWOOD 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.