



Judson Independent School District

2010-2013 Technology Plan

Version 1.1

January 12, 2010

Approved by Judson ISD Board of Trustees on January 21, 2010

Presented by:
Steve Young, CTO
Dr. Willis Mackey, Superintendent

Introduction

DISTRICT PROFILE

ESC Region: 20
City, State Zip: San Antonio, TX 78233-2457
Phone: (210) 945-5100
Fax: (210) 945-6900

Number of Campuses: 25
Total Student Enrollment: 21,754
District Size: 10,000 - 24,999
Percent Econ. Disadvantaged: 60.40%
Number of Campuses with Direct Connection to Internet: 25
Percentage of Campuses with Direct Connection to Internet: 100.00%
Number of Classrooms with Direct Connection to Internet: 1546
Percentage of Classrooms with Direct Connection to Internet: 100.00%
Computer/Student Ratio: 3 student(s) for every computer
Computer/Teacher Ratio: 1 teacher(s) for every computer
Number of campuses that need to complete the Texas Campus STaR Chart: 25
Percentage of campuses that have completed the Texas Campus STaR Chart: 0.00 %

TECHNOLOGY PLANNING COMMITTEE

Beverly Ahr, Sharlene Alexander, Melissa Archer, Brandon Asher, Michael Barclay, Stephanie Burd, Robin Cogburn, Rebecca Defenbaugh, Robert Dittmar, Ronnie Folk, Deborah Glowka-Schupp, Michelle Hungerford, Yvonne Ibarbo, Suzanne Kenoyer, Renee Lafreniere, Robert Lehnig, Melissa Martinez, Terilyn Moore, Ryan Morales, Bill Morgan, David Neill, Anne O'Conner, John Orona, Kristin Rumfield, Diana Salazar, Sonny Merrill, Rebecca Stangl, Doretta Walker, Jowie Walker, Lisa Ward, Richard Wares, Elizabeth Weaver, Lucia West, Steve Young.

In addition to formal committee meetings, senior District technology leaders met with District department leaders to form a unified plan reflective of all District operations. A survey of student input was conducted by Instructional Technology in order to gather student input on what students feel is needed instructionally and technologically at Judson ISD.

The draft plan formed from all this input was then posted online for employees, students, and members of the public to offer comments and suggestions.

EXECUTIVE SUMMARY

While growth at Judson Independent School District (Judson ISD) has moderated in the 2008-2009 and 2009-2010 school years, the District's community continues to expand, despite the world economic downturn. Student enrollment has increased at over 2% to 3% for each of the past two years and is expected to continue at this pace. The voter approved 2006 bond has provided Judson ISD with a host of new campuses and new buildings, as well as renovated facilities to house its growing student population. The 2006 bond provided over \$8 million dedicated to technology and technology infrastructure.

The money has provided a very up to date set of computers for students and teachers. Additionally, Judson ISD has used these funds to leverage cost saving desktop and server virtualization technologies, saving Judson ISD and lot of deployment costs, energy costs, and HVAC costs. While the bond funds did not provide for a wholesale update of network and telephone infrastructure, the Federal eRate program has benefitted Judson ISD tremendously in helping to modernize its core infrastructure. If current applications with eRate are approved, a majority of Judson ISD infrastructure should be very up to date by 2010-2011. In 2009, Judson ISD installed a large SAN to host storage for our Vmware servers and backups. This key component of our Disaster Recovery Plan will be matched at the new secondary data center to open on the new Judson High School campus in August 2010. At this time much of Judson ISD's key server and data will be replicated to this site for disaster recovery purposes. In the near future we feel the district infrastructure will be well positioned to provide highly reliable services to our students and staff, while positioning the district to take advantage of new technologies and cloud computing services.



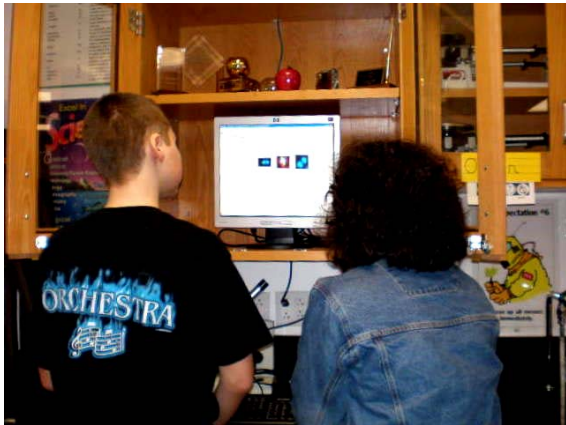
Judson ISD continues to plan for and implement technology programs that will prepare our students and staff for living in an increasingly information-based society. In order to ensure our students are prepared for 21st century learning and careers; we will continue to expand existing technologies judiciously, as well as acquire new ones to assist students in meeting the challenges of a global, competitive world. At the same time, we must prepare our teachers and staff to utilize technology to expand their knowledge and comfort levels. Much of the Judson ISD staff never received training in their teacher preparation programs on using technology in the classroom to engage learners. The past several years has focused our professional development efforts on building a solid foundation of basic core technology literacy with teachers and administrators. Now, more teachers are delving into technology integration and need support and training as they begin using technology as a core part of the instructional process. While Judson ISD has provided an array of technology tools for teachers, the District will continue to research,



evaluate and deploy appropriate emerging technologies as appropriate to enhance instruction.

As a District, we must rise to the challenge of preparing students and staff for a tomorrow that is becoming increasingly dependent on technology. Both society and the workplace are continually demanding higher level thinking skills and greater flexibility than in previous generations. We believe all students and staff need to be prepared to meet the technical challenges of the 21st century through learning appropriate computer literacy skills that will provide

them a set of skills to expand their ability for lifelong learning. Students will receive instruction on clearly defined technology skills that meet technology proficiency requirements for their grade level or course through a computer literacy program adopted by the state for elementary and middle schools. Judson ISD will take advantage of these resources in the coming years to meet both the TA TEKS and the integration of technology into the core content TEKS.



As technology continues to flourish and expand in our society, it is vital for our students to receive technology integrated instruction. Judson ISD will further incorporate the Technology Application TEKS and align technology resources into all core curriculum areas and district curriculum courses. As campuses each have unique needs and must contribute to the success of this

technology plan, each campus will continue to design individualized technology integrated lessons for teachers with a Campus Instructional Technologist, who will provide guidance and support to the campus in designing and evaluating campus technology plans and meeting district, state, and national goals for technology within the content areas. In accomplishing this goal, our students' knowledge will be enhanced to a level allowing them to successfully participate in a rapidly changing technology environment. Providing Campus Instructional Technologists to the campuses will continue to be a major goal the next three years as Judson ISD knows that classroom use of technology cannot be successful without the people to support the integration of that technology into instruction. Additionally, continuing to have enough well-trained technical staff to support educational and administrative initiatives will be critical to our success, but knowing that funding Texas schools is expected to be challenging next several years, this is expected to be a difficult initiative to fully implement.

It is Judson's goal to provide an infrastructure that assists teaching, learning, administration, and emerging technologies to provide equitable access to all users. Judson ISD will continue to focus on increasing access to data and information for all of its stakeholders. Employees will have expanded access to departmental information and web-based applications on the myJISD Portal. Parents will have access expanded access to data of their children through our in house developed ParentCenter web application. Our intention is to provide uninterrupted, high speed network access, deploy wireless technologies where needed, and utilize voice-over IP services to reduce expenditures on T1 lines, while providing greater access to voice services for staff. Judson ISD will continue to enhance network reliability, increase network security, and augment the technical skills of our employees to ensure our network is prepared for next-generation functionality. Judson ISD continues to strive to improve technology tools with new and emerging technologies and usage for our students and staff that support, augment and promote learning for all students in the District.



NEEDS ASSESSMENT

Assessment Process: A comprehensive needs assessment based is conducted annually to analyze the current status of technology in the district and determine future needs. Items analyzed included: infrastructure, hardware, software, instructional programs, courses, student achievement, technology resources, staff development, and technical support. Findings from this needs analysis are as follows:

Existing Conditions:

District-Wide Infrastructure

- ✓ Direct connection to the Internet via 40 Meg uplink.
- ✓ All remote locations have direct connection to the Internet via Gigabit links back to the central office.
- ✓ District computer training lab available for students, staff, and community members.
- ✓ Twenty-four fiber Gigabit backbone to IDFs, 100 Mbps Ethernet-to-the-desktop with Cat5 or Cat6 .
- ✓ A minimum of two networks drops in every classroom. Most classrooms have nine drops.
- ✓ Seven campuses and the central offices are site-wide wireless.
- ✓ Nine locations have keyless access entry at the main exterior doors.
- ✓ All locations have security cameras at minimum at main exterior entry points. Most campuses and offices have security cameras installed in hallways as per standards.
- ✓ Each campus has access to radio services for the campus and a district-wide emergency channel monitored by the Judson ISD Police and Transportation Departments.
- ✓ VoIP (voice over internet protocol) installations complete at five locations that allows use of soft phones and voicemail delivery to the email Inbox.
- ✓ Centralized backup solution with 5 days on disk, 6 months on tape and offsite storage for disaster recovery.
- ✓ Centralized virtual server farm implemented to reduce cost, electrical consumption, and footprint.
- ✓ Centralized monitoring of network equipment, health, and temperature.
- ✓ Deployment and patch management for Windows desktop environment.

District-Wide Administrative Services

- ✓ District web servers providing district information and student work.

- ✓ Learner Management System to track and manage staff development offerings including e-courses for on demand training modules.
- ✓ Student Information System (SIS) that maintains PEIMS, report cards, transcripts, attendance, and discipline.
- ✓ Financial information system that maintains PEIMS, financial, records, payroll, and human resources.
- ✓ Food services system that maintains financial records, inventory and free-and-reduced status.
- ✓ ParentCenter that allows parents to access student attendance, discipline, library books, transcripts, four year plans, meal pay status and grades.
- ✓ E-mail server on which every employee has an account.
- ✓ Online application software that allows job applicants to apply for positions.
- ✓ A document management server for archiving personnel and student records.
- ✓ Transportation program that maintains student addresses, bus routes, and is available online to employees and parents.
- ✓ Work-Order system for use by facilities and maintenance.
- ✓ Help Desk system for use by Technology Services to provide quality customer service and feedback to users.
- ✓ Report writing server that allows SIS users to pull SIS reports.
- ✓ Networked printers placed throughout the campuses.
- ✓ Employee Portal (myJISD) that offers access outside the district to network file shares, web based applications, resources, and more.

District-Wide Instructional Services

- ✓ Professional Instructional staff has access to a reporting solution that includes demographic and standardized testing data.
- ✓ Majority of teachers and administration completed Proficiency Level 1 training in Word, Outlook and PowerPoint. Some continued on to training in Excel, Publisher and Internet.
- ✓ Four (4) additional student stations installed in elementary and middle school classrooms where teachers completed Proficiency Level 1 training via the implementation of X-tenda units.
- ✓ Library system with inter-campus book loaning and Internet access to the card catalog.
- ✓ Grade book program that synchronizes with the student information system.

- ✓ CAD, desktop publishing, advanced word processing, web mastering, digital graphics and animation, video technology, computerized accounting, computer repair, and Microsoft Academic Authorized Training.
- ✓ Data projectors on every campus either mounted in classrooms or placed in library for classroom checkout.
- ✓ Library Access:
 - High School Libraries contain a minimum of 24 networked computers and 1 networked printer.
 - Middle School Libraries contain a minimum of 20 networked computers and 1 networked printer.
 - Elementary Libraries contain a minimum of 12 networked computers and 1 networked printer.
- ✓ Secondary campuses implement Scholastic Read 180 for below grade level readers.
- ✓ Secondary campus labs implemented lab management software to monitor students and control instructional time.
- ✓ Elementary Campuses implement Tech Knowledge for computer literacy at K-5.
- ✓ Majority of elementary campuses meet the standard of one computer lab and one integration lab with grade level appropriate software.
- ✓ Middle Schools have two computer literacy labs and two integration labs.
- ✓ All students grades PK-12 have access to campus-wide shares to download files from teachers.
- ✓ All students 2-12 have dedicated home drives on the network to save files. Teachers have full access to those drives to grade paperless.

High School Campus Achieve Texas Opportunities

- ✓ One (1) BIMM lab at each high school to support the Career Prep cluster.
- ✓ One (1) art, graphics and animation lab at Judson High School to support AV Cluster and one(1) at Wagner HS to support the Information & Visual Technology cluster.
- ✓ One (1) digital video editing lab at Judson High School to support AV Cluster.
- ✓ One (1) AG lab equipped with probes and software to support the Agriculture cluster at Judson HS.
- ✓ One (1) marketing lab to support the Marketing Business & Finance cluster at Judson HS.

- ✓ One (1) computer tech lab equipped with Microsoft servers and Cisco equipment to support the Information & Visual Technology cluster at Wagner HS.
- ✓ One (1) marketing lab to support the Business Mgt and Administration cluster at Wagner HS.
- ✓ Three (3) Project Lead The Way pre-engineering labs at Wagner HS equipped with AutoCAD software and career modules to support the STEM Cluster.
- ✓ Each middle school has two career exploration labs installed: Engineering Exploration and Family & Consumer Sciences Exploration.

Procedures & Policies

Written policies in place for the following:

- ✓ Acceptable use of the Internet, World Wide Web, network management, and equipment donations.
- ✓ Information Security and Classification
- ✓ Security camera placement and video use
- ✓ Software Acquisition Process
- ✓ Visitor System
- ✓ Parent Notification System
- ✓ District Technology Standards for classrooms and administration
- ✓ District Infrastructure Standards for construction and renovation of buildings
- ✓ Disaster Recovery Plan / Business Continuity Plan

Technology Needs:

District-Wide Infrastructure

- ✓ Fund a 6 year replacement cycle for desktop computers.
- ✓ Fund a four year replacement cycle for network servers and a five year cycle for file services.
- ✓ Install integration labs at each location that currently does not meet district standards.
- ✓ Implement a business continuity plan through the implementation of a secondary network operating system at the new Judson HS.
- ✓ Complete wireless solution for each location to meet district standards.

- ✓ Complete the installation of VoIP services to each location to meet district standards.
- ✓ Complete the installation of keyless access systems at all district buildings.
- ✓ Due to the number of mission critical and emergency services now offered via the network, implement a power backup solution for all district locations to sustain system in the event of power failure.

District-Wide Administrative Services

- ✓ Purchase and implement an identity management solution.
- ✓ Provide application training for district standard software.
- ✓ Provide introductory and advanced training in utilization of the network.
- ✓ Offer training for file and print services for both administrative and instructional purposes.
- ✓ Present training sessions for the deployment and utilization of wireless networking.
- ✓ Expand the use of electronic courses for on demand training modules.
- ✓ Provide training on Acceptable Use, Information Security and Identity Theft.
- ✓ Research and implement district-wide time management solution.
- ✓ Research and implement an online application system that uploads data to the current HR system.
- ✓ Research and implement a print management solution to save the district funds and strive for a nearly paperless environment.

District-Wide Instructional Services

- ✓ Research and purchase a new computer literacy program for elementary.
- ✓ Provide application training for district standard software.
- ✓ Continue to develop workshops that teach how to integrate the Technology Application TEKS into the existing curriculum.
- ✓ Offer training for file and print services for both administrative and instructional purposes.
- ✓ Present training sessions for the deployment and utilization of wireless networking.
- ✓ Expansion of campus instructional support to one employee unit per campus minimum.

Procedures & Policies

- ✓ Review policies and procedures yearly.

- ✓ Internal procedures need to be developed and documented.
- ✓ Development of asset management and inventory control including receiving procedures.
- ✓ Implementation of Disaster Recovery Plan.

GOALS, OBJECTIVES, AND STRATEGIES

Goal 1: Ensure that all students and staff pursue mastery of clearly-defined technology skills for use in foundations, information acquisition, problem solving and communication.

Objective 1.1: All students will meet the technology proficiency requirements for their grade level or course based on the Technology Application TEKS.

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 03 04b 05 06 08 11 12

Strategy 1.1.1: Modify, provide, and implement the technology literacy curriculum by grade level and course to address the Technology Application TEKS.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology Staff Teachers Lab Managers

Evidence: Lessons completed in TechKnowledge Technology applications and course specific curriculum creation Computer Lab Utilization Plans Course catalog Analysis of curriculum Yearly Technology Assessment at 8th grade Middle School benchmark assessments

LRPT Correlates: TL02, TL03

Strategy 1.1.2: Provide training on the utilization of the technology literacy curriculum for students and teachers.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology Staff TechSperts Computer Literacy Teachers

Evidence: Workshop records Sign-in sheets Training Evaluations Tech Applications reports

LRPT Correlates: EP01, EP02, LAS06

Strategy 1.1.3: Provide and maintain district hardware and software standard for all JISD facilities to support the attainment of the Technology Application TEKS.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology Staff TechSperts Desktop Services Staff

Evidence: All JISD computers are loaded with the standard district software. All JISD hardware meets the established standard.

LRPT Correlates: I01, LAS01

Strategy 1.1.4: Assess and monitor teacher use and student attainment of the Technology Application TEKS.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology Staff Computer Literacy Teachers Teachers TechSperts Lab Managers

Evidence: Curriculum progress reports Online assessment reports

LRPT Correlates: LAS05, TL05, TL06, TL07

Strategy 1.1.5: Investigate replacement of the elementary computer literacy curriculum.

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff
Evidence: Evaluation instrument completed for product.
LRPT Correlates: I09, TL03, TL04, TL05, TL08, TL09, TL13, TL14

Strategy 1.1.6: Investigate the feasibility of a full year computer literacy course at 8th grade.

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff Associate Superintendent of Secondary Curriculum
Evidence: Documentation of feasibility study.
LRPT Correlates: TL01, TL03, TL05

Strategy 1.1.7: Evaluate campus technology plans to monitor completion of computer literacy strategies.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Campus Administration Campus Technology Committee Instructional Technology Staff
Evidence: Artifacts binder Formative and Summative Evaluation Results
LRPT Correlates: LAS01, LAS02, LAS04, LAS05

Objective 1.2: All staff will meet the requirements for technology proficiency based on employee groups.

LRPT Category: Educator Preparation and Development
E-Rate Correlates: ER01 ER02
NCLB Correlates: 06 08 11 12

Strategy 1.2.1: Create professional development training tracks based on job functions and responsibilities.

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff Professional Development Specialists
Human Resources Department
Evidence: Training tracks created and communicated to all stakeholders.
LRPT Correlates: EP04, LAS12

Strategy 1.2.2: Require all employee groups to attain required proficiencies each year.

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff Office of Professional Development
Department Supervisors Campus Principals
Evidence: Proficiency tracking spreadsheet CPE hours as documented in Workshop Progress report to Department Leaders
LRPT Correlates: EP02, EP04

Strategy 1.2.3: Provide performance-based training sessions based on the required standards for each employee group.

State: Revised

Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff
Evidence: Workshop records Sign-in sheets Evaluation analysis Staff development tracking spreadsheet
LRPT Correlates: EP01, LAS03, LAS06

Strategy 1.2.4: Provide multiple methods for delivery of technology instruction such as online courses, independent study and electronic networking.

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff Professional Development Department
Evidence: Published on the JISD website Advertised to all stakeholders
LRPT Correlates: EP02, EP04, EP08, LAS06, TL08, TL13

Strategy 1.2.5: Monitor and regularly report the proficiency attainment progress to supervisors.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff
Evidence: Proficiency tracking spreadsheets Staff development tracking spreadsheets Sign-in sheets Evaluation analysis Practicum results Written reports PDAS summatives
LRPT Correlates: EP04, EP05, LAS12

Goal 2: Incorporate technology into teaching and learning in all curriculum areas to enable students to effectively build content knowledge.

Objective 2.1: Prepare and support students to integrate the Technology Application TEKS into all curriculum areas through student projects.

LRPT Category: Teaching and Learning
E-Rate Correlates: ER01 ER02
NCLB Correlates: 01 02 03 04a 04b 05 06 07 09 11 12

Strategy 2.1.1: Increase technology access and use by creating additional integration labs based on the formula in the JISD technology standards document.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff Technology Services Staff Facilities and Planning Campus Administration
Evidence: Labs are installed and up and running Campus lab schedules Lab usage logs
LRPT Correlates: I04, I05, I09, TL09

Strategy 2.1.2: Ensure that students generate technology projects that build core subject content knowledge.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff Campus Administration Teachers
Evidence: Student projects Project rubrics
LRPT Correlates: TL01, TL12

Strategy 2.1.3: Offer technology integration enrichment camps for students.

State: Revised
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff
Evidence: Camp schedules Student products Lesson plans
LRPT Correlates: LAS15, TL01, TL15

Strategy 2.1.4: Implement annual district and campus technology showcases that highlight student integration projects.

State: Revised
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff Campus Technology Committees
TechSperts
Evidence: Artifacts from the annual Technology Showcases.
LRPT Correlates: LAS07, LAS13, TL01, TL06, TL08, TL12, TL15

Strategy 2.1.5: Implement e-Camps for students to offer opportunities to explore the role of technology in today's society.

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff
Evidence: Course syllabus Student enrollment Student products
LRPT Correlates: LAS15, TL01, TL15

Strategy 2.1.6: Create and implement a middle school and elementary model for the utilization of the classroom computer centers.

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff Teachers
Evidence: Lesson plan includes center activities Center activity cards created and distributed
LRPT Correlates: EP01, EP09, LAS03, LAS06, LAS10, TL03, TL05, TL09, TL12

Objective 2.2: Prepare and support teachers and administrators to integrate the Technology Application TEKS into all curriculum areas through student projects.

LRPT Category: Educator Preparation and Development
E-Rate Correlates: ER01 ER02
NCLB Correlates: 01 02 04a 04b 05 06 07 11 12

Strategy 2.2.1: Increase number of Campus Instructional Technologists to one per campus for the facilitation and planning of integration projects.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Human Resources Department Director of Instructional Technology
Evidence: Positions posted, filled and personnel are assigned to campuses.
LRPT Correlates: EP01, EP09, LAS03, LAS06, LAS10, TL16

Strategy 2.2.2: Maintain, review and expand the district standard for software.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff

Evidence: Software evaluation forms District software approval list Software licensing
LRPT Correlates: LAS06

Strategy 2.2.3: Collaborate with district curriculum teams to implement technology integration lesson plans that are embedded into the district curriculum for all content areas.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: District/Campus Curriculum Specialists Instructional Technology Staff

Evidence: Meeting agendas Sign-in sheets Lesson plans

LRPT Correlates: EP09, LAS10, TL01, TL05, TL08, TL16

Strategy 2.2.4: Provide campus-based and district-wide quality professional development opportunities focused on producing technology integrated projects for students.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology Staff Professional Development Department

Evidence: Workshop records Sign-in sheets Agendas Lesson plans Rubrics Student projects

Reflection sheet

LRPT Correlates: EP01, EP02, LAS03, LAS06, LAS13, TL05

Strategy 2.2.5: Fund participation in technology workshops, seminars and/or conferences for specific technology leaders to learn integration strategies and present to other JISD staff.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology

Evidence: Registration Attendance Sharing sessions

LRPT Correlates: EP01, EP02, EP03, EP06, LAS03, LAS06, LAS13

Strategy 2.2.6: Encourage teachers to create and deliver technology integration projects via inclusion in Campus Technology Plans.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Campus Administration Campus Technology Committees Instructional Technology Staff Teachers

Evidence: Campus Technology Plans Teacher lesson plans Student projects Project rubrics

LRPT Correlates: LAS02, LAS05, TL01, TL06

Strategy 2.2.7: Evaluate Campus Technology Plans to monitor completion of integration strategies.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Campus Administration Campus Technology Committee Instructional Technology Staff

Evidence: Campus Technology Plan artifacts binder Formative and Summative Evaluation Results

LRPT Correlates: LAS12, TL06

Strategy 2.2.8: Investigate, compile and distribute information to teachers regarding the attainment of Master Technology Teacher Certification.

State: Revised

Status: In Progress

Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff
Evidence: Folder of research Posting to the website
LRPT Correlates: EP07

Goal 3: Enhance learning and student achievement by using technology tools to deliver instruction.

Objective 3.1: Teachers are able to utilize technology tools to enhance instruction.
LRPT Category: Educator Preparation and Development
E-Rate Correlates: ER01 ER02
NCLB Correlates: 01 02 03 04a 04b 05 06 07 08 09 11 12

Strategy 3.1.1: Provide the resources for teachers to deliver instructional content in the classroom through the use of technology tools such as digital projectors, handheld devices, document cameras, interactive systems and presentation systems.
State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Technology Services Staff Instructional Technology Staff Campus Administration Curriculum & Instruction Department
Evidence: Technology tools purchased Technology tools deployed to classrooms
LRPT Correlates: I01, I09, LAS10, TL09, TL12, TL13

Strategy 3.1.2: Deliver training and professional development that demonstrates how to effectively deliver instructional content through the use of technology tools.
State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Instructional Technology Staff TechSperts
Evidence: Workshop schedule Sign-in sheets Evaluation analysis
LRPT Correlates: EP01, EP02, EP09, LAS06, LAS10

Strategy 3.1.3: Implement lessons incorporating best practices using technology tools for the purpose of increasing student engagement.
State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Teachers TechSperts Campus Administrators Instructional Technology Staff
Evidence: Teacher lesson plans Observations of increased student attention
LRPT Correlates: I09, LAS05, TL05, TL08, TL09, TL12, TL15

Strategy 3.1.4: Evaluate, reflect and improve the effectiveness of lessons through teacher collaboration.
State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Teachers TechSperts Campus Administrators Instructional Technology Staff
Evidence: Reflection sheet Revised lesson plans
LRPT Correlates: TL08, TL16

Strategy 3.1.5: Evaluate campus technology plans to monitor completion of instructional delivery strategies.

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Campus Administration Campus Technology Committees Instructional Technology Staff
Evidence: Artifacts binder Formative and Summative Evaluation Results
LRPT Correlates: LAS01, LAS02, LAS04, LAS05

Objective 3.2: Students are able to utilize technology resources to enhance learning.

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01 ER02

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

Strategy 3.2.1: Provide the resources for students to access instructional content through the use of technology resources such as handheld devices, Internet sites and online integrated learning systems.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology Staff Technology Services Staff Campus Administration Curriculum & Instruction Department

Evidence: Technology resources/tools purchased Technology resources/tools deployed to students

LRPT Correlates: I09, LAS05, TL05, TL08, TL09, TL12, TL13, TL15

Strategy 3.2.2: Prepare teachers and students to effectively use and maintain the technology tool.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology Staff TechSperts Teachers Librarians Instructional Specialists Vendors

Evidence: Workshop records Sign-in sheets Training materials Evaluation analysis Observations of student use Lesson plans

LRPT Correlates: EP01, EP03, EP09, LAS06, TL09, TL12

Strategy 3.2.3: Use student data to program the technology resource for differentiating instruction for each student.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology Staff Teachers Campus Administrators Curriculum Specialists

Evidence: Disaggregated data Resources prepped and functional

LRPT Correlates: EP09, LAS08, LAS10, TL05, TL07, TL12, TL13

Strategy 3.2.4: Implement, evaluate reflect and improve the effectiveness of the technology resource.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology Staff Students Teachers Curriculum & Instruction Department

Evidence: Software usage reports (if applicable) Reflection sheets Observations

LRPT Correlates: EP09, LAS08, LAS10, TL04, TL05, TL09, TL12, TL15

Goal 4: Develop and support policies, plans, and procedures that standardize and streamline the implementation of current and emerging technologies in order to promote equity and access for all stakeholders.

Objective 4.1: Research and implement funding and acquisition procedures to ensure successful implementation of emerging technologies.

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 03 05 07 11 12

Strategy 4.1.1: Refine the process for the acquisition, delivery, and implementation of hardware and software purchasing.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Technology Services Leadership Team

Evidence: Written Process communicated to all stakeholders Quarterly updates

LRPT Correlates: I01, LAS02, TL10

Strategy 4.1.2: Investigate innovative funding sources and strategies to strive for a 1:1 ratio for employees and students.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Chief Technology Officer Director of Instructional Technology Grants Writer

Evidence: Documentation of grants awarded Cost analysis of maintaining a 1:1 ratio

LRPT Correlates: I02, I04, I07, LAS04, LAS13

Strategy 4.1.3: Seek funding for a 6-year replacement plan that maintains or exceeds current student to computer ratio.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Chief Technology Officer Chief Financial Officer

Evidence: Funds allocated

LRPT Correlates: I04, I07, LAS02

Objective 4.2: Develop and utilize emerging technologies in order to facilitate communication between stakeholders.

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 03 04b 07 08 10 12

Strategy 4.2.1: Develop policies and implement email services for students as appropriate.

State: Original

Status: Planned

Timeline: 2010-2011

Person(s) Responsible: Chief Technology Officer Director of Instructional Technology Director of Network Services Network Engineer

Evidence: Approval of policies by Board of Trustees Documentation of implementation

LRPT Correlates: I05, I09, LAS05, LAS15, TL09

Strategy 4.2.2: Implement an expansion of the teacher website solution.

State: Revised
Status: In Progress
Timeline: 2010-2011
Person(s) Responsible: Director of Network Services District Web Master Director of Instructional Technology
Evidence: System online Training manual Sign in sheets Documentation of implementation
LRPT Correlates: EP03, I08, TL15, TL16

Strategy 4.2.3: Research, pilot and possibly implement emerging Internet services for instruction, administration and communication purposes.

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Technology Leadership Team
Evidence: Successful research and evidence of pilots
LRPT Correlates: TL08, TL16

Objective 4.3: Develop and implement policies and procedures regarding access, security, and validation of data systems in order to facilitate the use of data in instruction and administrative decision making.

LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01
NCLB Correlates: 01 02 03 04a 05 06 07 12

Strategy 4.3.1: Implement a web-based student information system.

State: Original
Status: In Progress
Timeline: 2010-2012
Person(s) Responsible: Director of Network Services Applications Coordinator PEIMS Coordinator
Evidence: Purchase order Training plans Sign in sheets System installation
LRPT Correlates: I09, TL07, TL08

Strategy 4.3.2: Implement web-based applications that assist stakeholders in the collection and distribution of student information that directly impacts instruction.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Campus and District Administrators PEIMS Coordinator Database Administrator
Evidence: Project verification sheets Documentation of procedures User manuals Training sign in sheets Server user logs
LRPT Correlates: I05, I06, LAS07, LAS08, LAS10, TL04, TL07, TL08, TL10, TL11

Strategy 4.3.3: Develop applications to extend the capabilities of the Student Information System to support district initiatives.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Programmer Database Administrator PEIMS Coordinator
Evidence: Documentation of the programming process Reports generated
LRPT Correlates: I09, LAS08, TL04

Strategy 4.3.4: Implement the district Curriculum Management System to facilitate communication, resource sharing, and curriculum alignment.

State: Revised

Status: Completed
Timeline: 2010-2013
Person(s) Responsible: Associate Superintendent of Curriculum and Instruction Assistant
Superintendent of Secondary Curriculum Curriculum Specialists
Evidence: Usage reports Alignment report from Eduphoria
LRPT Correlates: EP03, I09, LAS08, TL16

Strategy 4.3.5: Design and implement an automated process for the flow of data between disparate systems.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Database Administrator Programmer
Evidence: Documentation of data flow and processes
LRPT Correlates: I08, LAS11, LAS13, LAS14

Strategy 4.3.6: Research, develop and implement policies and procedures for securing data.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Network Services Database Administrator Programmer
Evidence: Adoption of Policy Documentation of training Communication of procedures
LRPT Correlates: EP03, I01, I05, I09, LAS11, LAS14

Strategy 4.3.7: Implement and enforce grading policy through capabilities of grade book software.

State: Original
Status: Planned
Timeline: 2010-2012
Person(s) Responsible: Associate Superintendent of Curriculum and Instruction Assistant
Superintendent of Secondary Curriculum PEIMS Coordinator
Evidence: Reports of teacher compliance with policy
LRPT Correlates: EP09, LAS11, TL16

Strategy 4.3.8: Investigate cost effective print management solution

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Technology Services Leadership Team Director of Purchasing
Evidence: Report of current uses and cost comparison report
LRPT Correlates: I01, I05

Objective 4.4: Facilitate effective and efficient use of technology resources through increased access, quality support, and staff development opportunities.

LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01 ER02
NCLB Correlates: 01 03 04b 05 06 11 12

Strategy 4.4.1: Implement cost effective processes and policies to increase recycling and reuse of IT equipment

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Technology Services Leadership Team

Evidence: Documentation of disposal compliancy
LRPT Correlates: I07

Strategy 4.4.2: Implement IP-based distribution of video and television signals
State: Original
Status: In Progress
Timeline: 2010-2011
Person(s) Responsible: Director of Desktop Services Director of Network Services
Evidence: Video streams accessible on internal network
LRPT Correlates: EP08, I01

Strategy 4.4.3: Develop and support web services and applications including intranet and document management in order to streamline administrative processes.
State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Cabinet Members Directors of Departments Technology Services Staff
Evidence: Reduction in paper copies Files Documentation of online processes
LRPT Correlates: I01, I03, I05, I09, LAS05, LAS08, LAS09, LAS11

Strategy 4.4.4: Provide access to computers and training to administrative and support staff.
State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Desktop Services Director of Instructional Technology Director of Network Services Software Applications Trainer
Evidence: Systems operational Sessions in Eduphoria/Workshop Training session sign-in sheets
LRPT Correlates: EP03, EP04, EP09, LAS03, LAS06, LAS10

Strategy 4.4.5: Implement online budget transfers.
State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Director of Accounting Chief Financial Officer Coordinator of Financial Computer Applications
Evidence: Reduction in paper flow Documentation of system and processes
LRPT Correlates: I05, I09, LAS02

Strategy 4.4.6: Implement Online Purchase Order and Warehouse Requisition Systems.
State: Original
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Purchasing Director of Accounting Chief Financial Officer Coordinator of Financial Computer Applications
Evidence: Reduction in paper flow Documentation of system and processes
LRPT Correlates: I05, I09

Strategy 4.4.7: Research and implement solution to online state mandated and local benchmark assessments.
State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Testing Coordinator Director of Desktop Services Facilities Planning Director Maintenance Director Director of Network Services
Evidence: Yearly percentage comparison of paper vs. online testing Documentation of the processes and procedures

LRPT Correlates: I04, LAS05, LAS08, TL07

Strategy 4.4.8: Convert ERP system to Microsoft SQL Database with web interface

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Director of Network Services Chief Financial Officer Coordinator of Financial Computer Applications

Evidence: Installation documentation Documentation of data flow conversion

LRPT Correlates: I01, LAS08, LAS14

Strategy 4.4.9: Expand implementation of Time and Attendance system district wide

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Director of Accounting Chief Financial Officer Coordinator of Financial Computer Applications

Evidence: Documentation of system and processes

LRPT Correlates: LAS08

Strategy 4.4.10: Replace paper leave and supplemental pay forms with electronic process.

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Director of Accounting Chief Financial Officer Coordinator of Financial Computer Applications

Evidence: Documentation of system and processes

LRPT Correlates: EP03

Strategy 4.4.11: Research and implement interface of HR applicant system/absence reporting system with ERP system

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Coordinator of Financial Computer Applications Executive Director of HR Payroll Supervisor

Evidence: Documentation of system and processes

LRPT Correlates: LAS08

Strategy 4.4.12: Research and implement position control management system.

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Executive Director of HR

Evidence: Purchase order Documentation of implementation

LRPT Correlates: LAS08

Strategy 4.4.13: Develop and implement internal application to handle annual employee accountability requirements

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Executive Director of HR Director of Network Services Web Application Developer

Evidence: Purchase order Documentation of implementation

LRPT Correlates: EP03, I09, LAS12

Strategy 4.4.14: Research and implement construction project management software

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Director of Facilities Planning Director of Network Services

Evidence: Software installed and fully implemented Documentation of procedures

LRPT Correlates: LAS14

Strategy 4.4.15: Automate data transfer from free and reduced lunch forms to SIS

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Director of Child Nutrition Director of Network Services

Evidence: System in place and operational

LRPT Correlates: EP03, I09

Strategy 4.4.16: Research and implement fleet and fuel management solution

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Coordinator of Transportation

Evidence: System in place and operational

LRPT Correlates: LAS14

Strategy 4.4.17: Seek funding for migration to new desktop operating system to support updated software applications

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Director of Desktop Services

Evidence: Operating system funded and in place

LRPT Correlates: I07

Strategy 4.4.18: Leverage Internet/cloud services for those services which can be delivered most efficiently through the web or for which Judson ISD staff does not have time/nor expertise to provide

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Technology Leadership Team

Evidence: Use of Internet services

LRPT Correlates: I05, I06

Goal 5: Provide and support a secure, robust, reliable, and flexible infrastructure.

Objective 5.1: Provide a robust and updated physical network.

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03 05 06 08 11 12

Strategy 5.1.1: Rebuild existing, outdated Network Operations Center to accommodate district growth.

State: Revised

Status: In Progress

Timeline: 2010-2013
Person(s) Responsible: Director of Facilities Planning Director of Network Services Chief
Technology Officer
Evidence: Network Operations Center tested and operational
LRPT Correlates: I01, I03, I04, I05, I06, I07, I08, I09, TL09

Strategy 5.1.2: Relocate the Network Operations Center at the Performing Arts Center to a location within the newly rebuilt Judson High School.

State: Revised
Status: In Progress
Timeline: 2010-2011
Person(s) Responsible: Director of Facilities Planning Director of Network Services Chief
Technology Officer
Evidence: Network Operations Center tested and operational
LRPT Correlates: I01, I03, I04, I05, I06, I07, I08, I09, TL09

Strategy 5.1.3: Maintain a research and development network in order to test applications prior to deployment.

State: Revised
Status: In Progress
Timeline: 2010-2011
Person(s) Responsible: Director of Network Services Director of Desktop Services
Evidence: Server Computers networked and operational
LRPT Correlates: I06, I08, LAS02

Strategy 5.1.4: Expand virtualization technologies when cost effective.

State: Revised
Status: In Progress
Timeline: 2010-2012
Person(s) Responsible: Director of Network Services Network Engineer
Evidence: Yearly comparison of virtual vs. non-virtual environment Cost analysis spreadsheet
LRPT Correlates: I02, LAS14

Strategy 5.1.5: Upgrade switches to improve network throughput and routing capabilities.

State: Original
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Network Services
Evidence: Inventory of installed switches and network statistics.
LRPT Correlates: I01, I05, I06, I08, LAS11

Strategy 5.1.6: Upgrade and replace obsolete telephone systems to implement VoIP technologies for increased services while reducing T1 expenses.

State: Original
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Network Services
Evidence: Inventory of telephone systems
LRPT Correlates: I01, I05, I06, I08

Strategy 5.1.7: Investigate wireless networking options and implement as required.

State: Original
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Network Services Director of Desktop Services
Evidence: Wireless project plan STaR Chart

LRPT Correlates: I01, I03, I05, I06

Strategy 5.1.8: Research networking of existing facility controls.

State: Original

Status: Planned

Timeline: 2010-2013

Person(s) Responsible: Director of Maintenance Executive Director of Operations

Evidence: Documentation of needs and cost analysis

LRPT Correlates: I01, I06, LAS14

Strategy 5.1.9: Develop and implement a disaster recovery plan that includes hardware, software and data.

State: Original

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Technology Services Leadership Team

Evidence: Adoption of Policy Documentation of training Communication of procedures

LRPT Correlates: I01, I06, I07, LAS14

Strategy 5.1.10: Develop a load-balanced, redundant solution for essential web-servers.

State: Original

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Director of Network Services Web Developer District Webmaster Network Engineer

Evidence: System online Documentation of implementation and procedures

LRPT Correlates: I01, I06, I07, LAS14

Objective 5.2: Monitor and maintain systems to ensure security and provide highly available network resources.

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01 ER02

NCLB Correlates: 03 04b 05 06 08 09 10 12

Strategy 5.2.1: Implement storage mirroring techniques in order to maximize availability.

State: Revised

Status: Planned

Timeline: 2010-2012

Person(s) Responsible: Director of Network Services Network Engineer

Evidence: Increase in file service uptime and a decrease in recovery time

LRPT Correlates: I01, I05, I06, I08, LAS14

Strategy 5.2.2: Evaluate and implement an identity management solution to consolidate and automate user provisioning.

State: Revised

Status: In Progress

Timeline: 2010-2012

Person(s) Responsible: Director of Network Services Network Engineer Executive Director of Human Resources Programmer

Evidence: Every District user has a single network account to access all resources

LRPT Correlates: I01, I03, I05, I06, I08, LAS11, TL08, TL09

Strategy 5.2.3: Establish a centralized voice mail system with unified messaging which will enhance communications with parents.

State: Revised

Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Network Services
Evidence: Voice messaging system documentation
LRPT Correlates: I01, I05, I06, I08, LAS11, TL09, TL15

Strategy 5.2.4: Ensure the infrastructure is secure from vandalism by securing physically accessible routers and switches with a lockable enclosure.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Network Services
Evidence: Inventory of secured enclosures
LRPT Correlates: I01, I05, I06, I08, LAS09, LAS11

Strategy 5.2.5: Continue migration to IP video surveillance and megapixel cameras to help provide a safe environment for teaching and learning.

State: Original
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Special Systems Administrator Chief Technology Officer Executive Director of Operations
Evidence: Documentation of security system
LRPT Correlates: I01, I07

Strategy 5.2.6: Expand keyless access systems to all existing campus facilities with credentials managed by Active Directory.

State: Original
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Chief Technology Officer Special Systems Administrator Executive Director of Operations
Evidence: Systems in place and operational Reduction of exterior door keys
LRPT Correlates: I01, LAS14

Strategy 5.2.7: Implement key management software to manage district keys and ensure appropriate access to district facilities.

State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Network Services Director of Maintenance
Evidence: Data input into new database Documentation on procedures for distribution and collection of keys
LRPT Correlates: I01, LAS14

Strategy 5.2.8: Investigate and possibly implement technology to allow safe and secure guest device access to enhance learning.

State: Original
Status: Planned
Timeline: 2010-2013
Person(s) Responsible: Director of Network Services Network Engineer
Evidence: Documentation of needs and cost analysis
LRPT Correlates: I01, I04, I05, TL09

Objective 5.3: Foster and develop highly trained personnel in accordance with TEA recommended staffing ratios.

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01 ER02

NCLB Correlates: 02 04b 12

Strategy 5.3.1: Maintain a technician to computer ratio of 1 to 600 in order to obtain an average work order completion time of 3 days.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Director of Desktop Services Chief Technology Officer Chief Financial Officer

Evidence: Documentation of technician to computer ratio.

LRPT Correlates: I05, I06, TL09

Strategy 5.3.2: Expand the helpdesk services to accommodate growth, call volume and utilize remote support capabilities.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Director of Desktop Services Chief Technology Officer Chief Financial Officer

Evidence: Documentation through Work Order System on percentage and type of work orders solved by the Helpdesk

LRPT Correlates: EP09, LAS10

Strategy 5.3.3: Foster and develop a highly trained technical staff to support new technologies.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Director of Network Services Director of Desktop Services

Evidence: Increase in technician certifications Decrease in budget for outside consulting

LRPT Correlates: EP09, LAS10

Strategy 5.3.4: Analyze current staffing and project required staffing for upcoming budget year.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Chief Technology Officer Chief Financial Officer Technology Services Leadership Team

Evidence: Report provided to District Cabinet for consideration during budget process

LRPT Correlates: LAS02, LAS05

Objective 5.4: Develop and maintain internal procedures and documentation.

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 02 03 05 11 12

Strategy 5.4.1: Develop and implement departmental metrics for evaluation of systems and processes.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Technology Services Leadership Team
Evidence: Creation of metric standards document and periodic measurement against the standard
LRPT Correlates: EP05, LAS02, LAS04, LAS05, LAS12

Strategy 5.4.2: Develop and maintain an internal documents and information repository for configuration and process.
State: Revised
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Network Services Network Engineer Director of Desktop Services
Evidence: Documentation of procedures Yearly comparison of paper vs. electronic documents
LRPT Correlates: EP05, LAS02, LAS05

Strategy 5.4.3: Centralize and codify the documentation of systems and processes that are essential to our operation.
State: Original
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Network Services Web Developer District Webmaster
Evidence: System online Documentation of implementation and procedures
LRPT Correlates: LAS14

Strategy 5.4.4: Implement a source code version control system and documented process for development and deployment of locally developed software.
State: Original
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Director of Network Services Web Developer District Webmaster
Evidence: System online Documentation of implementation and procedures
LRPT Correlates: LAS14

Strategy 5.4.5: Implement cost effective technologies, processes and policies to decrease use of consumable products.
State: Original
Status: In Progress
Timeline: 2010-2013
Person(s) Responsible: Technology Services Leadership Team
Evidence: Processes and policies for green initiatives
LRPT Correlates: I02, I03

Goal 6: Optimize the effective use of technology by developing and fostering leadership in all levels of administration in alignment with the Technology Standards for School Administrators.

Objective 6.1: Inspire a shared vision and foster an environment conducive to the integration of technology.
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01 ER02
NCLB Correlates: 01 02 03 04a 04b 07 11

Strategy 6.1.1: Facilitate and communicate a vision for technology shared by all stakeholders.
State: Revised
Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Technology Services Leadership Team Instructional Technology Staff

Evidence: Technology Plan approved by Board of trustees and TEA STaR Chart yearly evaluation

LRPT Correlates: LAS01, LAS02, LAS04

Strategy 6.1.2: Administer the STaR chart with 100% participation of the campuses and evaluate the results for the purpose of campus and district technology planning.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology Staff Campus Principals TechSperts

Evidence: Completion and comparison of Texas STaR Chart objectives on a yearly basis

LRPT Correlates: EP05, LAS01, LAS08

Strategy 6.1.3: Develop, implement, and monitor a long-range technology plan to achieve the vision.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Superintendent Technology Services Leadership Team Instructional Technology Staff

Evidence: Technology Plan approved by Board of trustees and TEA STaR Chart yearly evaluation

LRPT Correlates: EP05, LAS01, LAS02, LAS04, LAS05, LAS14, TL06

Strategy 6.1.4: Create, implement and evaluate campus technology plans to ensure alignment and appropriate instructional focus with Campus Improvement Plans.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Campus Technology Committees Instructional Technology Staff Campus Principals Teachers

Evidence: Campus plans submitted and approved by Technology Services Department by September of each year

LRPT Correlates: LAS01, LAS02, LAS03

Strategy 6.1.5: Advocate on a state level opportunities that support the implementation of technology in learning.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Chief Technology Officer Technology Services Leadership Team

Evidence: Technology Plan approved by Board of trustees and TEA, STaR Chart, Yearly Evaluation

LRPT Correlates: EP06, EP07, LAS13, TL12

Objective 6.2: Apply technology to enhance professional practice and promote increased productivity.

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 02 04a 04b 05 06 07 08 09 10 11 12

Strategy 6.2.1: Use current tools and systems for communication, management, assessment, and professional development.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Superintendent's Leadership Team Technology Services Leadership Team

Evidence: Logs from communication systems Increase in professional development offerings and enrollments as evidenced by Workshop reports

LRPT Correlates: EP03, EP05, I09, LAS08, TL04

Strategy 6.2.2: Model effective uses of technology.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Superintendent's Leadership Team Technology Services Leadership Team Instructional Technology Leadership Team

Evidence: Reduction in Paperwork Increase in electronic communications and documents within department Yearly evaluations

LRPT Correlates: EP09, TL03, TL05, TL13

Strategy 6.2.3: Develop and implement a professional development plan for administrators on the use and understanding of technology.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Coordinator of Professional Development Instructional Technology Leadership Team

Evidence: Documentation of training plan Sign in sheets Workshop reports Models use and understanding for staff

LRPT Correlates: EP01, EP03, EP06, EP08, LAS03, LAS08, LAS10, LAS12

Strategy 6.2.4: Use a variety of media and formats to communicate and interact with employees and community.

State: Original

Status: In Progress

Timeline: 2007-2010

Person(s) Responsible: Superintendent, Chief Technology Officer, Associate/Deputy Superintendent of Instruction and Student Services, Principals

Evidence: Yearly evaluation of communication process

LRPT Correlates: I03, I05, I08, LAS09, LAS11, LAS13, TL15, TL16

Objective 6.3: Communicate social, legal, and ethical issues related to technology and model responsible decision-making related to these issues.

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 02 04a 04b 07 11

Strategy 6.3.1: Develop and communicate procedures and practices that clearly define and enforce copyright laws and fair use guidelines.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Instructional Technology Leadership Team Library Services

Evidence: Documentation of: Board approved policy Administrative regulations Training process Yearly evaluations of communication process

LRPT Correlates: EP01, TL11, TL14

Strategy 6.3.2: Develop and communicate procedures to educate and enforce privacy, security, and online safety for employees and students.

State: Revised

Status: In Progress

Timeline: 2010-2013

Person(s) Responsible: Director of Instructional Technology and Library Services Director of Network Services

Evidence: Documentation of: Board approved policy Administrative regulations Training process Yearly evaluations of communication process

LRPT Correlates: EP01, I02, LAS14, TL11, TL14

EVALUATION

Evaluation Process:

The effectiveness of the Judson Technology Plan will be a systematic ongoing process. All aspects of the Plan will be formally evaluated annually to ensure that the use of technology is indeed improving the academic performance of all students in Judson ISD. The Technology Services and Instructional Technology Departments will be responsible for the ongoing review and evaluation of this plan. The purpose of the evaluation will be to make decisions on the impact that technology has on the learning process for all students and to stimulate widespread reforms in teaching practices. The Texas STaR Chart results as well as technology and curriculum goals for each campus will be used to help assess progress made toward meeting the objectives of the Long Range Plan for Technology in Judson ISD. Periodic meetings between the Chief Technology Officer and the Superintendent will determine progress and possible revisions to the implementation of the plan. In addition, Technology Services will maintain a document detailing plan progress that will be updated periodically at least yearly.

Evaluation Method:

Additional methods used for evaluation will include:

- ✓ Annual formal survey/needs assessment of the staff in regards to their use of technology in the classroom.
- ✓ Semi-annual informal evaluations conducted by the Technology Committee representatives on campus
- ✓ Formal summative evaluations of campus technology plan strategies as they are completed.
- ✓ Number of students using technology as a learning tool in the classroom monitored by teachers
- ✓ Use of benchmarks to assess student computer literacy proficiency.
- ✓ Records of staff member participation in technology training monitored by data reports from the learner management system.
- ✓ Integration of technology into the classroom as measured by lesson plans and number/type of student technology products.
- ✓ Monitoring and documentation of community access to technology resources and information on the campus web site.
- ✓ Yearly inventory of hardware and software.