

FORT BEND ISD Technology Plan for E-Rate Year 17

2013 - 2016

Dr. Charles Dupre
ACTING SUPERINTENDENT

DISTRICT PROFILE

ESC Region: 4
City, State Zip: SUGAR LAND, TX 774792308
Phone: (281) 634-1000
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Number of Campuses: 75
Total Student Enrollment: 69900
District Size: 50,000 and over
Percent Econ. Disadvantaged: 37.41%

Technology Expenditures: \$54,030,000.00
- Teaching and Learning Budget: \$10,125,000.00
- Educator Preparation and Development Budget: \$6,105,000.00
- Leadership, Administration and Support Budget: \$5,900,000.00
- Infrastructure for Technology Budget: \$31,900,000.00

Technology Expenditure Per Pupil: \$772.96
Number of Campuses with High-Speed Broadband Internet Access: 75
Percentage of Campuses with High-Speed Broadband Internet Access: 100.00%
Number of Classrooms with High-Speed Broadband Internet Access: 4600
Percentage of Classrooms with High-Speed Broadband Internet Access: 100.00%
Computer/Student Ratio: 4 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: 72
Percentage of campuses that have completed the Texas Campus STaR Chart: 100.00 %

PLAN INTRODUCTION

Plan Last Edited: 06/24/2014

This is an Updated plan. The plan editor entered these comments about the changes since last year's plan: The district is under new leadership so where possible names and titles were corrected. The Technology Departments are still headed in the same direction as originally planned. Changes in Department and Position Titles were changed in the Introduction and needs assessment sections. The goals and objectives still have some reference to old titles regarding persons responsible. Changes were made to objective status as needed.

Technology Planning Committee:

Long Pham (Chief Information Officer, Lynette Meyer (Digital Learning Director), Jojo Jacob (Technical Services Director), Lisa Mirza (Student Information Services), Mitzi Patin (Applications Development and Management Director), Linda Creech (Coordinator, Career and Technology Education Coordinator), David Major (Remote Services Manager), Dr. Allegra McGrew (Digital Learning Coordinator), Corlette Hill (Digital Learning Coordinator), Suzanne Lyons (Library Media Services Coordinator)

EXECUTIVE SUMMARY

The Fort Bend ISD Technology Plan is a three-year plan encompassing the school years 2013-2014, 2014-2015 and 2015-2016. Taken together, the four goals presented in the Technology Plan reflect an approach to integrate technology into all aspects of district activity— instructional, professional development, leadership, support and data reporting/utilization, while providing a technology infrastructure that becomes more seamless with each passing year. The FBISD Technology Plan supports the goals of the STaR Chart, the district Strategic Plan and directly reflects the Strategic Plan's technology goal that is based on recommendations in the Texas Long-Range Plan for Technology. The district Technology Plan also complies with E-Rate Grant Application Guidelines and the No-Child-Left-Behind funding requirements. The FBISD Technology Plan reflects the recent financial history of the district: In 2007 the FBISD community passed a \$428,000,000 bond, of which \$23 million was allocated for technology. Part of the pre-bond vote process included research into district needs as preparation for the various information sessions held in the community and with the Citizen's Bond Advisory Committee. These findings presented before the bond vote were later expanded upon in collaborative information-gathering sessions conducted with several district groups to further assess needs and provide consensus-building prior to completion of the Technology Plan. The FBISD Technology Plan outlines activities to finalize projects identified in the 2007 bond approved expenditures. Funding and projects related to the 2007 bond will conclude within the first year of this plan. The district will be left to rely on local budget resources until which time the FBISD community elects to propose and pass a new bond. Briefly, the FBISD Technology Plan addresses: * Technology integration into instruction (continue implementing the framework for integration into the core curriculum by grade level K-8, assessing the results, expanding offering of Chapter 126 Technology Applications courses for high school, continuing to evaluate and update CATE programs, providing access to a full range of library media resources and increase computing device ratio at all campuses). * The FBISD Digital Learning Department continually provides training in the integration of K-8 Technology Applications TEKS into grade level core curriculum, training for the integration of technology into all curricula areas 9-12, training for applications used in the classroom and training in the area of information literacy. The Campus Technology Plans are based on an annual needs assessment performed at each campuses and customized to provide teachers with professional growth opportunities using a variety of delivery models. Implementation of the Campus Technology Plans include strategies which align to ISTE and SBEC standards. *Optimization of data quality and utilization through increased training for campus and administrative staff. Enterprise application support will be provided for staff, parents and students. * A supportive infrastructure with a program for periodic updating of workstations and network components and for addressing emerging technologies, disaster recovery, security issues, and continuous training for technical staff. The Technology Plan—though reflecting a three-year time period—has been designed with the understanding that evaluating, monitoring, and

adjusting the plan periodically as deemed necessary is an integral component of the planning process and of the plan document itself. During 2014 many position titles and department titles have changed. The changes were made in main areas but not when referenced as person responsible.

NEEDS ASSESSMENT

Assessment Process: Assessment was conducted by reviewing existing documents. The primary focus was the use of the STaR Chart district summary data. Each chart indicator was assessed for current district level and strategies developed to move the district toward the Target Tech level in each area. We also reviewed documents of past studies/reports such as the network audit. Reviewed documents came from both external and internal studies/sources.

External sources that have provided invaluable guidance in district planning include the Texas Long-Range Plan for Technology and The Texas School Technology and Readiness (STaR) Chart. The district has utilized the self-assessment component of the STaR Chart to gain a realistic picture of district needs.

External resources which have provided recommendations specifically for FBISD (and guidance) include:

The Texas School Performance Review (TSPR)

The STaR Chart Data (100% teacher completion)

Cisco Certified Partner Network Review and Proposed Plan

Wired/Wireless Network Assessment - planned to begin 2013

Gartner Technology Research Firm delivers ongoing assistance for Long Term Strategies and Planning

Documents generated internally by the district for purposes of planning have also assessed needs. These include:

*District-wide input from Technology Leadership Committee members to formulate technology priorities these being reoccurring verbal interactive discussion sessions conducted by CIO on a monthly basis.

*The FBISD Technology Plan, Campus Technology Plans and revisions resulting from stakeholders' feedback

*The District Strategic Plan

*FBISD approved curriculum and courses

Needs assessment will continue on an ongoing basis by the Technology Leadership Committee based on new needs, new priorities and/or new emerging technologies.

Existing Conditions:

The district currently has 11 high schools, 14 middle schools and 45 elementary schools with a combined student enrollment of approximately 69,000 students. In addition to address a variety of vocational interests as well as special learning needs the district has a Technical Education Center, the M.R. Wood Alternative Education Center, the Progressive High School, Ferndell Henry Center for Learning and JJAEP. We also offer several academy programs.

Telecommunications: The Administration Building is the secure central site for district servers and the consolidation point for all WAN connectivity. Each server is backed up regularly and connected to a UPS. The district has moved to a primarily virtual server environment, a blade server with SAN disk. CISCO UCS B Series blades with Intel processors running Windows 2008 and Linux. The WAN connectivity is managed through a pair of large Cisco data switches. All Fort Bend campuses are connected to the Administration Building by high speed fiber lines. Each location is currently running at 1 GB full duplex. Each site is connected via T1's in standby mode as backup connectivity. The district is installing a second 1 GB connection at each location to address increase bandwidth demands from video and BYOD Initiatives. The district is currently upgrading each of the MDF/IDF connections to provide 1 GB connectivity between wiring closets. The district has installed building wide wireless at approximately 30 sites and has provided wireless hotspots to the remaining campuses.

All district classrooms and offices are connected to the WAN and the Internet.

Hardware / Software:

There are approximately 26,800 computers in the district. All computers are delivered with software images preloaded that include Microsoft Office and Norton Anti Virus. Additional district approved software is loaded to meet instructional needs. The district is trending toward the replacement of computers where applicable to mobile devices such as the iPad. The district currently has approximately 7,000 student and 800 teacher/administrator devices deployed.

Each classroom has a projection device in the form of a ceiling mounted data projector for multimedia applications, internet display, and software introduction and use. All schools have distributed video system capabilities. Secondary campuses have broadcast studios for producing video and student-developed/led morning announcement programs. About 83% of district elementary campuses also have this announcement capability. Video on Demand using VBrick has been implemented district-wide. Classrooms are also equipped with a teacher computer, student computers and a document camera. Interactive white boards, response systems and wireless slates are available for teachers use on each campus as defined by campus purchase options.

Common software for elementary campuses includes Microsoft Office, Accelerated Reader, Kidspiration, Inspiration, Inspire Data, Kidpix SmartNotebook. Common middle school software includes Microsoft Office, Inspiration, Inspire Data, Adobe Suite, SmartNotebook and Publisher. Software at the high schools includes Microsoft Office, Geometry Sketchpad, Pasco Science Probes, Adobe CS Premium, MS Office Specialist Testing Program, COIN and various assisted learning software programs.

In addition to software the district has a variety of digital resources and online subscriptions. Elementary resources include Discovery Education Streaming, netTrekker, Gale Cengage, Tumblebooks, Teachingbooks.com, World Book, Maps 101, NovelList K-8, Gaggle student email, Atomic Learning and Learning.com for Technology Applications TEKS, Technology Literacy Assessment, Aha Math and Aha Science. Secondary digital resources and online subscriptions include Discovery Education Streaming, netTrekker, Gale Cengage, Teachingbooks.net, World Book, Maps 101, NoveList, Gale Opposing Biography/Viewpoints in Context, ABC-Clio. Gaggle student email, Turnitin.com, Compass Learning, Atomic Learning and Learning.com for Technology Applications TEKS, Technology Literacy Assessment, Aha Math and Aha Science (grades 6-8). Software evaluations and additions are continually under review.

The district's Student Information System is Skyward. The district uses Peoplesoft financial and HCM systems.

Instructional:

The district's Instructional Management and Assessment System is currently PCG. This system is used to provide a common curriculum online for all FBISD teachers and assessment items for most subject areas. Data is provided on the student assessments for design and improvement of programs and for focusing on students needing special assistance or at risk.

Campus support for instructional technology and integration is provided by a district team of 24 Digital Learning Specialist and 4 Lead Specialist.

The district has begun its move toward 1-1 learning using iPad's in grades 2-8. The first phase of this project which begun in Fall 2012 with the deployment of 6,500 student iPads. The iPad's are housed in a sync cart with a MacBook as the Master Sync Station.

The district has begun to add eBooks to our library collections with the purchase of Nooks. District wide we have added approximately 1057 Nooks

with varying purchased content to exceed 11,000 eBooks.

Digital Citizenship curriculum to include Internet Safety and Cyberbullying has been fully developed placed in the PCG Curriculum Management System. Implementation of the curriculum began starting with the 2012-2013 school year.

Technology Division Structure:

The district Technology Division is headed by the Chief Information Officer. Departments within the Technology Division are headed by a director. These departments include Student Information Systems, Business Information Systems and Informaiton Technology Services. Digital Learning is part of the Curriculum and Instruction Division. The Career & Technology Education Director reports to the Executive Director of Curriculum.

FBISD upgraded from a Windows 2003 infrastructure to a Windows 2008 Infrastructure. The district plans to move to the current Microsoft Exchange release in the coming year while making use of cloud services where appropriate.

FBISD uses Oracle Peoplesoft as its finance/HR system. The district has implementing a SAN based storage system with blade servers to run the Peoplesoft project and continue the server consolidation effort.

The district has consolidated it's Cisco VOIP System into the virtual environment, along with adding additional collaboration tools such as instant messaging, presence, and consolidated video.

Technology Needs:

This technology plan addresses (to the degree that budgetary considerations make it practical) the technology needs of the district. Stated generally, the district has a need for:

The continuous creation of documents and professional development for integrating Technology Applications TEKS K-12 into existing core curriculum and assessing the results.

The implementation of the Campus Technology Plans which aligns to SBEC, NCLB, ISTE and Texas Long Range Plan for Technology Standards. Integrating library resources more completely into the lesson process.

Providing meaningful staff development to all district personnel, based on job requirements/demands.

Maintain and reevaluate the processes and technology for accurate PEIMS reporting and data utilization.

Improve technology support through implementation of an ITIL compliant information technology service management system.

Improving connectivity as needed to meet to support teaching and learning.

GOALS, OBJECTIVES, AND STRATEGIES

Goal 1: TEACHING & LEARNING - Students will seamlessly integrate technology to solve real world problems through research, collaboration and communication.

Objective 1.1: Ensure that teachers use technology to provide learning experiences which develop higher-order thinking skills and various collaborative learning opportunities.

Budget for this objective: \$3,000,000.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01 02 03 04a 05 06 07 08 11 12

Strategy 1.1.1: Provide each campus with Educational Technology Specialist support to assist teachers grades K-12 with the integration of technology across the curriculum.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology Coordinator Educational Technology

Evidence: Documentation in Case Management System, district Educational Technology Specialist (ETS) centrally housed and deployed as needed.

Comments: ETS deliver professional development to all instructional staff, work with teachers to ensure student mastery of the TA TEKS, monitor the use of adopted instructional materials, teach online safety and cyberbullying curriculum, assist teachers in developing their websites and other tools for communicating with parents.

LRPT Correlates: EP01, LAS01, LAS02, LAS03, LAS06, LAS10, TL01, TL02, TL03, TL05, TL08, TL10, TL12, TL14, TL16

Strategy 1.1.2: Continually evaluate, revise and implement a district-wide technology integration model to increase the number of student-led learning experiences that develop higher-order thinking skills and solve authentic problems through the use of technology.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology Coordinator Educational Technology

Evidence: Plan outlined yearly in ETS Job Duties and Responsibility Document. Campus Technology Plans, Technology Applications Curriculum, Inter-Disciplinary Studies technology unit, Internet Safety Curriculum, Electronic campus and student portfolios. Coordinators weekly status report. Educational Technology Monthly Report.

Comments:

LRPT Correlates: LAS01, LAS02, LAS03, LAS08, LAS09, LAS10, TL01, TL03, TL05, TL06, TL08, TL09, TL12, TL13

Strategy 1.1.3: Continually evaluate, revise and implement curriculum to support Technology Applications TEKS grades K-12.

State: Revised

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology Coordinators of Educational Technology Educational Technology Specialists

Evidence: To publish curriculum in our curriculum management system, reports from state adopted materials, Technology Literacy Assessment results

Comments:

LRPT Correlates: LAS01, LAS10, TL01, TL02, TL03, TL05, TL06, TL08, TL09

Strategy 1.1.4: Support teachers with tools they can utilize to make data-driven decisions based on local, state, and national assessments.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Chief Academic Officer, Chief Information Officer
Evidence: On-line Curriculum Instructional and Assessment Management System reports
Comments:
LRPT Correlates: LAS08, TL04, TL07, TL16

Strategy 1.1.5: Continue to research programs and data to ensure new initiatives reflect sectors of high growth, rapid development, emerging technologies, and opportunities for high-wage careers and/or post-secondary education.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director of College and Career Readiness Coordinators of Career and Technical Education
Evidence: Revised courses approved by board and documented in High School Course Selection Guide.
Comments: News Courses Implemented
LRPT Correlates: EP03, LAS01, LAS02, LAS05, LAS15, TL01, TL05, TL12, TL13, TL15

Strategy 1.1.6: Continue to expand opportunities for professionally-endorsed licensing and industry certification for students who meet the criteria established by recognized state and federal agencies or recognized industry certifications.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director of College and Career Readiness Coordinators of Career and Technical Education
Evidence: 15% of the High School CTE student population will have at least one industry standard certification
Comments: District Strategic Plan notes goal related to an annual increase expectation.
LRPT Correlates: EP01, EP03, EP06, EP07, LAS01, LAS02, LAS03, LAS05, LAS13, LAS15, TL04, TL05, TL07, TL08, TL12, TL14, TL15

Strategy 1.1.7: Develop the Achieve Texas model for integration of core academics with CTE to establish a career path for all eighth-grade students.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director of College and Career Readiness Coordinators of Career and Technical Education and Career Guidance Counselors
Evidence: Implementation of a 4 year plan
Comments:
LRPT Correlates: EP01, EP03, EP06, LAS01, LAS02, LAS03, LAS04, LAS05, LAS07, LAS10, TL04, TL05, TL08

Strategy 1.1.8: Expand career interest and aptitude through the use of the COIN career awareness software and the Achieve Texas model and the development of student portfolios.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director of College and Career Readiness Coordinators of Career and Technical Education Career Guidance Counselors
Evidence: COIN continuation and Achieve Texas implementation. New addition 2014 Naviance replaces COIN.
Comments:
LRPT Correlates: EP01, EP03, EP06, EP08, EP09, LAS02, LAS05, LAS07, LAS09, LAS10, LAS11, LAS15, TL04, TL05, TL07, TL08, TL09, TL10, TL12

Strategy 1.1.9: Provide collaboration opportunities for campus librarians and teachers to develop instruction that supports curriculum requirements and state and national standards.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Coordinator of Library Media Services Campus Librarians
Evidence: Documentation of meeting dates
Comments:
LRPT Correlates: EP04, LAS01, LAS10, TL03, TL05, TL08, TL11

Strategy 1.1.10: Purchase district e-books for all campus and district library collections for students which support district curriculum; provide multiple access points for these resources.

State: Original
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Library Media Services Coordinator, District Cataloger
Evidence: Collection count provided through district integrated library system; usage statistics
Comments:
LRPT Correlates: I05, TL05, TL08, TL09, TL10, TL11, TL13, TL15

Objective 1.2: Provide opportunities for teachers to have regular access to technology in a variety of instructional settings.

Budget for this objective: \$1,350,000.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER01
NCLB Correlates: 03 05 08 12

Strategy 1.2.1: Provide optimal access to the district Intranet and Internet in every FBISD classroom, computer lab, and library to enhance K-12 instruction through a variety of available resources.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer, Director Technology Services, Educational Technology Director

Evidence: Internet and Intranet access in every classroom, computer lab, and library. Request for additional connectivity and application for funds.

Comments: FBISD will continue to add wireless classroom access points.

LRPT Correlates: I01, I02, I03, TL03, TL08, TL09, TL10, TL16

Strategy 1.2.2: Provide access and support to teachers with 24/7 access to digital resources for curriculum, creating lesson plans, instruction, and communication.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer, Director Technical Services, Educational Technology Director, and Enterprise Applications Support, Training and Reporting.

Evidence: Teachers will have on demand access to resources using any device.

Comments:

LRPT Correlates: I01, I05, I09, TL07, TL08, TL09

Strategy 1.2.3: Provide campuses with mobile technology to increase computer availability for technology-integrated curriculum activities.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer, Director Technology Services, Director of Educational Technology

Evidence: Campuses will receive mobile technology stations as budget allows and wireless infrastructure is provided.

Comments:

LRPT Correlates: I04, I05, I09, TL08, TL09, TL12

Strategy 1.2.4: Increase the number of classroom interactive-tools.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology Coordinator of Educational Technology Instructional Technology Specialist, Coordinator Library Media Services

Evidence: Inventory of interactive whiteboards, slates, interactive response systems.

Comments:

LRPT Correlates: EP04, I05, I09, LAS08, LAS09

Strategy 1.2.5: Maintain classroom data projectors and document cameras so they meet the district standard of one per instructional classroom.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer, Director Technology Services, Director Educational Technology

Evidence: Inventory of data projectors and document cameras and Case Management System reports

Comments:

LRPT Correlates: I05, I09, TL08, TL09, TL12

Strategy 1.2.6: Provide and support distance-learning equipment for FBISD campuses holding shared classes.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology Director Technology Services

Evidence: Distance learning equipment installed and supported at campuses sharing classrooms

Comments:

LRPT Correlates: EP08, I01, LAS04, LAS13, LAS15, TL08, TL09, TL12, TL13

Strategy 1.2.7: Provide opportunities and support for virtual field trips and distance learning using FBISD distance-learning classroom equipment and connectivity.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Coordinator of Educational Technology, Region IV Network Connections Coordinator, Coordinator Library Media Services

Evidence: Classrooms participation in virtual field trips using available distance learning equipment. Schedule of events maintained.

Comments:

LRPT Correlates: I01, I06, LAS13, LAS15, TL08, TL09, TL12, TL13

Strategy 1.2.8: Expand the distance-learning collaboration between TA and CTE to increase opportunities for students to benefit from electronic distribution of instruction.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Director of College and Career Readiness Education, Coordinators of Career and Technical Education, Network Services Analyst Campus Principal Instructional Technology Specialist CTE Teachers

Evidence: Course file and master schedule

Comments:

LRPT Correlates: EP01, EP02, EP03, EP05, I01, I02, I04, I05, I06, I07, I08, I09, LAS01, LAS02, LAS05, LAS13, TL02, TL05, TL08, TL09, TL12, TL13

Strategy 1.2.9: Increase the number of eReaders on campuses.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Educational Technology Director, Library Media Services Coordinator

Evidence: Inventory of eReaders in library automation system

Comments:

LRPT Correlates: I02, I03, I04, I05, I06, I07, TL01, TL03, TL05, TL06, TL07, TL08, TL09, TL10, TL11, TL13, TL15

Strategy 1.2.10: Increase opportunities for student to use computing devices on each campus.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer Director Educational Technology Director Technology Services

Evidence: Inventory shows increase of desktops/laptops/mobile technology designated for student use. Students participating in Bring Your Own Device (BYOD)

Comments:

LRPT Correlates: I01, I04, I05, I06, I07

Strategy 1.2.11: Implement a plan to support and maintain iPads for each campus librarian for instruction.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator of Library Media Services

Evidence: Inventory of iPads for each campus librarian, monthly Librarian meetings

Comments:

LRPT Correlates: I05, LAS10, TL09, TL10, TL11

Strategy 1.2.12: Provide server software solution to support Video-On-Demand on all district purchased mobile devices.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Director Educational Technology

Evidence: Access to Video-On-Demand accessed through wireless on mobile devices.

Comments:

LRPT Correlates: EP02, I05, I06, I07, I08, TL08, TL09, TL10, TL11, TL12, TL13

Strategy 1.2.13: Implement and maintain computers and mobile devices for teachers providing access to gradebook, portal, and district network drives.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer, Director Educational Technology, Director Technology Services

Evidence: Campus Inventory

Comments:

LRPT Correlates: EP02, I04, I05, LAS01, LAS02, TL08, TL09, TL12, TL13, TL15, TL16

Strategy 1.2.14: Maintain district-wide Video-On-Demand system to increase student achievement through the creation and use of distributed video in every classroom.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator of Library Media Services, Lead Media Specialist

Evidence: Video produced by teachers and students using broadcast studio equipment. Created library of district approved curricular content and professional development video.

Comments:

LRPT Correlates: EP01, EP08, I01, I02, I03, I05, I08, I09, TL07, TL08, TL09, TL10, TL11

Objective 1.3: Provide teachers with resources to apply technology across all subject areas to establish learning opportunities within and beyond the curriculum.

Budget for this objective: \$1,500,000.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 02 03 04a 05 06 07 08 11 12

Strategy 1.3.1: Provide and maintain internet/intranet curriculum and resources to integrate technology into the existing core-curriculum.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator of Educational Technology, Educational Technology Specialist, Curriculum Coordinators and designated writers

Evidence: curriculum and lessons posted on the FBISD on-line Curriculum, Instructional and Assessment Management System and Educational Technology Portal

Comments: Learning.com addresses

LRPT Correlates: I01, I05, I06, TL01, TL02, TL03, TL04, TL08, TL09, TL14, TL16

Strategy 1.3.2: Update and develop technology lessons for all grade levels that integrate the new TA TEKS with the core-curriculum TEKS including Internet Safety, Cyberbullying and Digital Citizenship and post them to the on-line curriculum site.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator of Educational Technology, Lead Educational Technology Specialist, Educational Technology Curriculum Writers

Evidence: New technology lessons that integrate TA TEKS with core-curriculum TEKS will be added to the on-line Curriculum Instructional and Assessment Management System including Internet Safety, Cyberbullying and Digital Citizenship.

Comments: Learning.com helps address

LRPT Correlates: EP09, I09, LAS10, TL01, TL05, TL12, TL13, TL14, TL15, TL16

Strategy 1.3.3: Increase the number of video production and distribution systems to include all campuses.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Coordinator of Library Media Services, Library Media Services Staff

Evidence: Number of broadcast studios, Videos posted on VOD Portal

Comments:

LRPT Correlates: I05, I06, TL05, TL08, TL09, TL10, TL12, TL13, TL15

Strategy 1.3.4: Collaborate with Special Programs to support technologies provided for Title I Campuses.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Coordinator of Educational Technology, Director of Special Programs, Coordinator of Special Programs

Evidence: Scheduled meetings/training with Special Programs Department will take place to discuss/demonstrate technology support for Title I Campuses

Comments:

LRPT Correlates: EP01, EP03, EP04, EP06, EP08, LAS05, LAS08, LAS10, LAS13, TL01, TL03, TL05, TL08, TL09, TL12

Strategy 1.3.5: Maintain all video production and distribution systems to ensure that they are in full working order.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Person(s) Responsible: Director of Educational Technology Coordinator of Library Media Services, Library Media Services Staff

Evidence: Number of campuses broadcasting on a daily basis; number of CRM cases resolved

Comments:

LRPT Correlates: I01, I09, TL08, TL09, TL10, TL11, TL12, TL13

Strategy 1.3.6: Provide resources and support for video production and distribution teachers/sponsors by maintaining instructional resources on the FBISD portal and providing professional development opportunities.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology Coordinator of Library Media Services Library Media Services Staff

Evidence: Training documents posted on FBISD portal; number of professional development sessions

Comments:

LRPT Correlates: EP01, EP02, EP04, EP08, LAS05, LAS06, LAS10, TL03, TL05, TL09, TL10, TL11, TL13

Strategy 1.3.7: Provide and support online resources for each FBISD teacher to use as a teaching and communication tool for student and parent community.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Educational Technology, Director Application Development and Maintenance, Director Technology Services and Director Enterprise Applications Support, Training and Reporting.

Evidence: Online resources available to student and parent community. Web-based lessons and curriculum resources posted on the teachers online site.

Comments:

LRPT Correlates: EP08, I01, I03, I05, LAS13, TL01, TL05, TL08, TL09, TL12, TL13, TL14, TL15, TL16

Strategy 1.3.8: Implement and maintain educational appropriate collaborative communication tools including various web 2.0 tools for students (web hosted filtered student e-mail, blogs, wiki, educational appropriate social media, SIS Student Portal).

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Educational Technology, Application Development and Maintenance, Technical Services and Enterprise Applications Support, Training and Reporting.

Evidence: Student orientation and training on safe use of communication tools, District approved resources will be identified on the Educational Technology Portal, Web 2.0 setup guidelines, Review and Pilot committees, Usage reports

Comments:

LRPT Correlates: EP08, I01, I02, I03, I05, I08, TL09, TL10, TL11, TL12, TL13, TL14, TL15, TL16

Strategy 1.3.9: Continue to develop and revise CTE on-line curriculum documents based on the newly revised TEKS for all course offerings to ensure students are prepared for high-wage, high-skill careers and/or post-secondary education.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Assigned Coordinator from Career and Technology Education

Evidence: On-line curriculum available

Comments:

LRPT Correlates: I05, I08, LAS05, LAS15, TL08, TL12, TL16

Strategy 1.3.10: Continue ongoing evaluation and purchase of on-line digital resources which support the curriculum.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator of Library Media Services, Campus Librarians

Evidence: Supporting financial documents Annual Usage Statistics

Comments: FBISD currently subscribes to the following on-line databases: netTrekker, World Book Online, Gale Cengage, NoveList, Discovery Education

LRPT Correlates: EP04, EP05, I05, LAS05, LAS06, LAS08, LAS09, LAS10, LAS11, TL10, TL11

Strategy 1.3.11: Using a hosted environment, maintain and upgrade the Library Automation System and OPAC (Online Public Access Catalog) as a gateway to print and digital resources.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator of Library Media Services Library Media Services Staff

Evidence: All campuses have access to Library Automation System, OPAC, and on-line resources

Comments:

LRPT Correlates: LAS09, TL05, TL08, TL09, TL10, TL11

Strategy 1.3.12: Maintain and update district e-book collections for all teachers which support district curriculum.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator Library Medias Services, Director of Educational Technology

Evidence: Collection count provided through district integrated library system

Comments:

LRPT Correlates: EP04, EP05, LAS01, LAS03, TL01, TL03, TL10, TL11, TL13, TL15

Objective 1.4: Ensure that students master the Technology Applications TEKS.

Budget for this objective: \$3,000,000.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01 ER02

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

Strategy 1.4.1: Administer a technology assessment to all students in grades 5 and 8.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Educational Technology, Coordinator of Educational Technology, Lead Educational Technology Specialists, Educational Technology Specialists

Evidence: Assessment reports for all 5th and 8th grade students enrolled in FBISD. Campus and District reports and summary document

Comments: District Strategic Plan Goal related to TLA, Learning.com addresses

LRPT Correlates: LAS01, LAS05, TL03, TL04, TL05, TL06, TL07, TL12, TL14

Strategy 1.4.2: Develop and deliver a district report that addresses technology assessment results and plans for increased achievement.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Educational Technology, Coordinator of Educational Technology,Lead Educational Technology Specialists, Educational Technology Specialists

Evidence: Assessment reports for all 5th and 8th grade students enrolled in FBISD. Campus and District reports and summary document.

Comments: We currently use Learning.com to assess all 5th and 8th graders annually. We have data available for 2007-Present.

LRPT Correlates: LAS01, LAS02, LAS05, LAS09, LAS10, TL01, TL05, TL06, TL07, TL08, TL09, TL14

Strategy 1.4.3: End-of-course projects are outlined in the district curriculum to assess and ensure mastery of 9-12 TA TEKS.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Coordinator of Educational Technology
Evidence: Student portfolios and nine week grades
Comments:
LRPT Correlates: TL01, TL02, TL05

Strategy 1.4.4: Develop further end-of-course exam assessments for Career and Technology. The desired model is currently in place for 26 classes.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Career and Technology Education Curriculum Coordinator
Evidence: Assessments administered
Comments:
LRPT Correlates: TL04, TL07, TL08, TL12

Strategy 1.4.5: Monitor end-of-course projects outlined in the district curriculum to assess and ensure mastery of 9-12 CTE TEKS.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Career and Technology Education Curriculum Coordinator
Evidence: Assess for mastery, grade reports
Comments:
LRPT Correlates: TL04, TL07, TL08, TL09

Objective 1.5: Create web-based lessons that support learning objectives.

Budget for this objective: \$1,200,000.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER01 ER02
NCLB Correlates: 01 02 03 04a 05 06 07 08 12

Strategy 1.5.1: Create and implement web-based lessons that meet TEKS objectives for individual grade and subject areas including lessons covering Internet Safety, Cyberbullying and Digital Citizenship.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Coordinator Educational Technology, Lead Educational Technology Specialists, Educational Technology Specialists
Evidence: Lessons posted to online curriculum system and linked to core academic areas in which TEKS are addressed, Lessons created in online safe educational appropriate media. Public page for parents and community on Internet Safety and Cyberbullying
Comments:
LRPT Correlates: LAS10, LAS15, TL01, TL05, TL06, TL08, TL09, TL11, TL12, TL13, TL14, TL15, TL16

Strategy 1.5.2: Develop, plan, and pilot blended on-line distance-learning courses and projects.

State: Original
Status: Planned
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director of Educational Technology Coordinator of Educational Technology Educational Technology Specialists
Evidence: On-line distance learning activities using blended resources published.
Comments: websites, web 2.0 tools provided for course development
LRPT Correlates: EP08, I05, LAS15, TL12, TL13, TL14, TL15, TL16

Strategy 1.5.3: Plan and implement a program allowing students to take on-line courses for original credit and credit recovery.

State: Original
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director of Educational Technology Director of Curriculum Coordinator of Educational Technology
Evidence: Policy and Procedures documented Virtual course documented on student transcript
Comments:
LRPT Correlates: EP08, I05, LAS15, TL05, TL08, TL09, TL12, TL13, TL15, TL16

Objective 1.6: Communicate resources and information relevant to the educational process to the local community.

Budget for this objective: \$75,000.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER01
NCLB Correlates: 03 09 10 12

Strategy 1.6.1: Make available to parent groups and community groups information on topics such as internet safety, cyberbullying, social networking and technology.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director of Educational Technology Coordinator of Educational Technology Educational Technology Specialists
Evidence: Web Usage reports, Twitter followers, Presentations on request at community events or campuses

Comments:
LRPT Correlates: TL11, TL14, TL15

Strategy 1.6.2: Design and implement websites for Educational Technology, Library Media Services, and Career Technology Education that continually provide resources on emerging technology to parents.

State: Original
Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology Coordinator of Educational Technology Library Media Services Coordinator
Evidence: Educational Technology website Library Media Services website Career and Technology Education website

Comments:
LRPT Correlates: TL14, TL15

Strategy 1.6.3: Provide campuses with updated information obtained by Collaborating with the local city government, police departments, National Center for Missing and Exploited Children Organization to provide parents with valuable information regarding internet safety and cyberbullying prevention for children.

State: Revised
Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology Coordinator of Educational Technology Educational Technology Specialist
Evidence: Internet safety campaign held annually at feeder school patterns through PALS and other Student Leadership Groups

Comments:
LRPT Correlates: I03, I08, LAS09, LAS13, TL14, TL15

Strategy 1.6.4: Maintain district webpages to improve communications with parents and the community.

State: Revised
Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Technology Services Department, Community Relations Department, Educational Technology Department
Evidence: District, Campus and Teacher Webpages

Comments:
LRPT Correlates: I01, I03, I05, LAS09, LAS11, LAS13, TL13, TL14, TL15

Strategy 1.6.5: Continue support and computer access for the adult and family literacy program as well as the newcomers program.

State: Revised
Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Coordinator of Educational Technology Director Technology Services
Evidence: Schedule of events during evening for literacy and newcomers program

Comments:
LRPT Correlates: LAS07, LAS09, TL15

Strategy 1.6.6: Continue to have administrators keep current Digital Citizenship Guidelines for staff and students. Each student must have a current consent agreement on file.

State: Revised
Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Administrators and District Supervisors
Evidence: Renewed Digital Citizenship is recorded in the Student Information System

Comments: Currently renewing annually
LRPT Correlates: LAS09, TL14, TL15

Goal 2: District educators will receive technology instruction appropriate to their district role.

Objective 2.1: Provide teachers with professional development experiences that model the integration of research-based technology and strategies that facilitate the development of higher-order thinking skills in the learning community

Budget for this objective: \$1,200,000.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01 03 04a 04b 08

Strategy 2.1.1: Implement Campus Technology Plans to include professional development, developed annually on each campus, for all FBISD instructional staff.

State: Revised
Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Person(s) Responsible: Director of Educational Technology Coordinator of Educational Technology Lead Educational Technology Specialist Educational Technology Specialists

Evidence: Evidence: e-Learning reports showing course completion of educational technology courses for instructional staff, Campus Technology Plans, Usage Reports

Comments:
LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP08, LAS01, LAS02, LAS03, LAS04, LAS05, LAS12

Strategy 2.1.2: Offer technology integration courses developed by the Digital Learning Department to facilitate the implementation of the Campus Improvement Plan, the Campus Technology Plans and the FBISD Professional Development Gold Standard (PDGS) Plan.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Person(s) Responsible: Educational Tehcnology Director, Coordinator Educational Technology, Lead Educational Technology Specialist

Evidence: Evidence: Educational Technology staff development courses recorded in Proffessional Development Management System. Records of attendance on file in Educational Technology Office. District and campus staff development days Summer staff development Before/during/after school campus staff development New teacher orientation

Comments:

LRPT Correlates: EP01, EP02, EP04, EP05, EP06, EP07, EP08, EP09, LAS03, TL01, TL03, TL05, TL06, TL16

Strategy 2.1.3: Provide professional development experiences that incorporate higher-order thinking skills and student centered projects while using technology as a tool for increasing student achievement.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator Educational Technology, Lead Educational Technology Specialists and Educational Technology Specialists

Evidence: Professional development experiences incorporating higher-order thinking skills recorded in Professional Development Management System

Comments:

LRPT Correlates: EP01, EP02, EP04, EP08, EP09, LAS03, LAS05, TL08

Strategy 2.1.4: Provide support for Internet Safety/Cyberbullying curriculum in order to educate teachers, students and parents on good internet safety practices for children. Implement Internet Safety and Cyberbullying activities for all students year long

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Coordinator of Educational Technology, Lead Educational Technology

Evidence: Internet safety program developed and materials available to assist campuses in the Curriculum Management System. Usage reports from annual training confirmation for staff. Digital Citizenship Campus Verification Form

Comments:

LRPT Correlates: EP01, EP02, TL14

Strategy 2.1.5: Provide training to teachers for integrating online digital resources into the curriculum.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator of Library Media Services Campus Librarians

Evidence: Professional Development Management System records and campus attendance records

Comments:

LRPT Correlates: EP01, EP02, EP04, EP08, EP09, TL09, TL10, TL11

Strategy 2.1.6: Develop and implement a program for sharing examples of best instructional practices by librarians and model them for all library staff.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator of Library Media Services Library Media Services Staff Campus Librarians

Evidence: Monthly meeting agendas and Professional Development attendance records

Comments:

LRPT Correlates: EP04, EP09, LAS10, TL10, TL11

Objective 2.2: Ensure that campuses and departments provide and receive anytime, anywhere learning that is available through a variety of methods.

Budget for this objective: \$2,100,000.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 03 04b 12

Strategy 2.2.1: Provide each campus support in the form of mentoring and modeling for delivering technology application skills and integration strategies in a variety of group settings as needed.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Educational Technology Department

Evidence: Face-to-Face or online training, district created webinar

Comments:

LRPT Correlates: EP01, EP02, EP04, EP08, EP09

Strategy 2.2.2: Implement a plan to utilize vendor prepared online courses as well as district developed online courses to deliver anytime, anywhere professional development.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Educational Technology Department

Evidence: On-line courses attendance recorded in the Professional Development Management System

Comments:

LRPT Correlates: EP08, I05

Strategy 2.2.3: Provide "Train the Trainer" instruction to certify that the Ed Tech Specialist and librarians are qualified to deliver courses.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Educational Technology Department

Evidence: "Train the Trainer" session attendance recorded Observations Trainer evaluations

Comments:

LRPT Correlates: EP01, EP03, EP09, TL08

Strategy 2.2.4: Conduct monthly Ed Tech Specialist and Librarian meetings providing continuous technology leadership and ongoing professional development.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Educational Technology Coordinators

Evidence: Coordinators monthly agendas and attendance documentation

Comments:

LRPT Correlates: EP01, EP02, EP03, EP04, EP06, LAS10

Strategy 2.2.5: Provide technology leadership opportunities offered through local, state, and national technology-related professional development.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Educational Technology Department

Evidence: Registration and Attendance at conferences such as Region IV, TCEA, NECC, TXDLA, TLA, etc.

Comments:

LRPT Correlates: EP01, EP03, EP05, EP06, LAS06, LAS13, TL05

Strategy 2.2.6: Increase community awareness of the multitude of on-line resources the district provides that are available for every campus to access.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Educational Technology Department Library Media Services Department Campus Librarians

Evidence: Usage Reports Web page communication Campus newsletters, Atomic Learning, district webpage

Comments:

LRPT Correlates: TL15, TL16

Strategy 2.2.7: Collaborate with professional groups (Harris County Librarian Leadership group, Library State Standards Committee, Region IV Advisory Council, Texas Association of School Library Administrators) to stay abreast of current state and national trends and integrate them into the library program.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator of Library Media Services District Cataloger

Evidence: Evidence of attendance Montly Meeting Agendas

Comments:

LRPT Correlates: EP02, EP06, TL10, TL11

Objective 2.3: Ensure that FBISD teachers demonstrate all of the SBEC Technology Application Standards.

Budget for this objective: \$150,000.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 04b 06 07 12

Strategy 2.3.1: Design and align FBISD Technology Staff Development and courses to SBEC Technology Application Standards.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinators Educational Technology & Library Media Services

Evidence: SBEC Alignment documented in course creation checklist

Comments:

LRPT Correlates: EP01, EP02, EP04, EP05, LAS12

Strategy 2.3.2: Provide and train administrators on observable indicators to use in evaluating teachers by SBEC Standards.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Educational Technology, Coordinator Educational Technology

Evidence: Document of indicators used in PDAS evaluations Documented training with Administrators

Comments:

LRPT Correlates: EP01, EP05, LAS12

Objective 2.4: Develop and offer 30 or more hours per school year of technology professional development for all teachers.

Budget for this objective: \$2,400,000.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01 02 03 04a 04b 07 08 12

Strategy 2.4.1: Develop and implement technology integration courses throughout the year.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Educational Technology Coordinator Educational Technology Coordinator Library Media Services Instructional Technology Specialist Campus Librarians Instructional Technology Specialists Campus Librarians

Evidence: Reports of offering and attendance in the Professional Development Management System, publish course catalog, course materials on the Educational Technology portal

Comments:

LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP09

Strategy 2.4.2: Implement vendor developed face-to-face and on-line courses.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator Educational Technology, Educational Technology Coordinators and Lead Educational Technology Specialist

Evidence: Campus Plans, courses and attendance documented in the Professional Development Management System

Comments:

LRPT Correlates: EP01, EP03, EP04, EP05, EP07, EP08, EP09, TL16

Strategy 2.4.3: Develop and implement district guidelines for the creation of Annual Campus Technology Plans.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Educational Technology, Coordinator Educational Technology

Evidence: Campus Technology Staff Development Plans Campus Portfolios

Comments:

LRPT Correlates: LAS01, LAS02

Strategy 2.4.4: Provide training for teachers, librarians, and Educational Technology Specialists on utilizing eReaders to support and enhance the curriculum

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Librarians Educational Technology Specialists Library Media Services Staff

Evidence: Scheduled training Attendance marked in e-Learning

Comments:

LRPT Correlates: EP02, EP04, EP05, EP09, TL11, TL12

Strategy 2.4.5: Develop annually a list of CTE staff-development opportunities that give teachers the benefit of additional training and professional experiences.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of College and Career Readiness Coordinators of Career and Technical Education

Evidence: Staff development needs assessment completed Staff Development for Career and Technical Education developed

Comments:

LRPT Correlates: EP01, EP02, EP05, LAS03

Strategy 2.4.6: Provide professional development at monthly meetings for librarians and Educational Technology Specialists on online digital resources updates.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Coordinator Library Media Services, Coordinator Educational Technology

Evidence: Monthly training scheduled and attendance noted in Professional Development Management System

Comments:

LRPT Correlates: EP01, EP02, EP03, LAS03, TL03, TL10, TL11

Objective 2.5: Create new interactive, collaborative and customized learning environments.

Budget for this objective: \$180,000.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER02

NCLB Correlates: 01 04b

Strategy 2.5.1: Implement a plan to provide training to teachers, students, and administrators on interactive tools.

State: Revised

Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Educational Technology Department
Evidence: Technology integration courses on Interactive Response Systems, Mobile Devices, Wireless Slates, Interactive Whiteboards, Distance Learning
Comments:
LRPT Correlates: EP01, TL08, TL09, TL10, TL12, TL13, TL15, TL16

Strategy 2.5.2: Implement a plan to provide training to teachers, students, and administrators on collaborative tools.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Educational Technology Department
Evidence: Technology integration courses on Interactive Response Systems, Mobile Devices, Wireless Slates, Interactive Whiteboards, Distance Learning, Web 2.0 tools
Comments:
LRPT Correlates: EP02, EP04, TL09, TL16

Strategy 2.5.3: Implement a plan to provide training to teachers, students, and administrators on customized learning tools.

State: Original
Status: Planned
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Educational Technology Department
Evidence: Technology integration courses on Web 2.0 tools that allow for differentiated instruction.
Comments:
LRPT Correlates: EP01, EP02, EP03, EP08, I05

Objective 2.6: Provide professional development for the creation of web-based course content.

Budget for this objective: \$75,000.00
LRPT Category: Educator Preparation and Development
E-Rate Correlates: ER02
NCLB Correlates: 06 08

Strategy 2.6.1: Implement a plan to provide teachers with training and resources needed to create web-based content.

State: Original
Status: Planned
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Educational Technology Coordinators and Lead Specialists
Evidence: Implementation of online course system Course proposals and completion documented in the Professional Development Management System
Comments:
LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP08, TL15, TL16

Goal 3: Provide the support and data needed for utilization of technologies and data-driven decision making.

Objective 3.1: Communicate and implement a shared vision for comprehensive integration of technology that leads to increased student achievement.

Budget for this objective: \$30,000.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01 ER02
NCLB Correlates: 06 09 12

Strategy 3.1.1: Review, update and communicate annually the Technology Department's vision and mission for technology integration.

State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Chief Information Officer, Educational Technology Director
Evidence: Posted vision and mission statement on Educational Technology Portal Meeting agendas for Principal Meetings and Board Workshops
Comments:
LRPT Correlates: LAS01, LAS02, LAS05, LAS06, LAS07

Strategy 3.1.2: Update and communicate annually the district integration model which increases the number of student-led learning experiences to develop higher-order thinking skills and solve authentic problems.

State: Original
Status: Planned
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director of Educational Technology Coordinator of Educational Technology
Evidence: Plan posted on Educational Technology Portal and meeting agendas, Campus Technology Plan reflect district plan
Comments:
LRPT Correlates: LAS01, LAS02, LAS05, LAS07

Strategy 3.1.3: Provide administrators with an overview of collaborative communication tools implemented at the various grade levels.

State: Original
Status: Planned
Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Coordinator of Educational Technology
Evidence: ATM and/or Principal meeting agendas Course proposal and attendance documented in Professional Development Management System, FBISD Technology Conference, online and face-to-face staff development.

Comments:

LRPT Correlates: EP03, EP04, EP08, LAS02, LAS03, LAS05, LAS10, LAS13, TL04, TL06, TL07, TL09, TL15

Objective 3.2: Ensure that campuses have a technology-rich Campus Improvement Plans that set annual technology benchmarks based on SBEC Technology Applications Standards.

Budget for this objective: \$90,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01 ER02

NCLB Correlates: 06 07 08 09 12

Strategy 3.2.1: Assist schools in establishing technology benchmarks based on ISTE and SBEC Technology Standards in the Campus Improvement Plan as well as the Campus Technology Plan.

State: Revised

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Coordinator of Educational Technology, Lead Educational Technology Specialist

Evidence: CIP content and Campus Technology Plans posted on Campus Portfolios

Comments:

LRPT Correlates: EP04, EP05, EP06, LAS01, LAS02, LAS12, LAS14

Strategy 3.2.2: Align the Campus Technology Plan to the Campus Improvement Plan and the District Strategic Plan when setting annual campus technology benchmarks.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Coordinator of Educational Technology, Lead Educational Technology Specialist

Evidence: Campus Technology Plan aligned to Campus Improvement Plan and District Strategic Plan, Board presentation by superintendent

Comments:

LRPT Correlates: LAS02

Objective 3.3: Provide campuses with instructional support to maximize teaching and learning.

Budget for this objective: \$4,500,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER02

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

Strategy 3.3.1: Continue to provide each campus Ed Technology Specialist support to increase the effective use of technology in the classroom.

State: Revised

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Coordinator of Educational Technology

Evidence: HR records staff assignments and CRM cases assigning task and completion of task

Comments:

LRPT Correlates: EP01, EP02, EP03, EP04, EP09, LAS06, LAS10, TL03, TL05, TL06, TL07, TL08, TL16

Strategy 3.3.2: Provide support for campus based technology leadership teams to promote technology integration, higher level thinking, decision making, and problem solving skills.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Educational Technology, Campus Administrators

Evidence: Teams documented at campus level Meeting agendas, calendar documentation

Comments:

LRPT Correlates: LAS01, LAS02, TL05, TL06, TL12, TL15, TL16

Strategy 3.3.3: Provide leadership support for all federal, state, and local technology initiatives including maintaining CIPA compliance for ERATE.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Coordinator of Educational Technology, Lead Educational Technology Specialists

Evidence: Technology 3 year ePlan development STaR Chart training Other scheduled trainings and meetings

Comments:

LRPT Correlates: EP05, EP06, EP07, LAS01, LAS02

Strategy 3.3.4: Ensure that each FBISD campus is staffed with one certified librarian at all levels.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Human Resources, Coordinator of Library Media Services, Campus Principals

Evidence: Staffing records

Comments:

LRPT Correlates: EP01, TL11

Objective 3.4: Provide campuses with the tools and systems necessary for communications, management of schedules and resources, performance assessment, and professional development.

Budget for this objective: \$1,100,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 03 06 09 11 12

Strategy 3.4.1: Maintain and update current systems for communications management of schedules and resources, performance assessment, and professional development.

State: Revised

Status: In Progress

Timeline: 2016-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Technology Services, Director of Application Development & Maintenance, Director of Enterprise Applications Support, Training & Reporting

Evidence: Applications available for use and POs for new and maintenance items.

Comments:

LRPT Correlates: EP03, EP08, I08, I09, LAS08, LAS09, LAS14, TL07, TL08, TL10

Strategy 3.4.2: Provide training to support for current systems.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Director of Enterprise Applications Support, Training & Reporting, Director of Application Development and Maintenance

Evidence: Training posted in Professional Development Management System, Daily support and CSC logs

Comments:

LRPT Correlates: EP03, TL15

Strategy 3.4.3: Provide support and Training for the use of the district and campus web pages.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Application Development & Maintenance, Director of Enterprise Applications Support, Training & Reporting, Director Educational Technology

Evidence: Training posted in Professional Development Management System, CRM cases and CSC support logs

Comments:

LRPT Correlates: EP03, TL15, TL16

Strategy 3.4.4: Provide support and training for the Instructional & Assessment Management System and Student Information System that ensures campus leaders have access to the data they need to make good instructional decisions.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Application Development & Maintenance, Director of Enterprise Applications Support, Training & Reporting, Director Educational Technology

Evidence: Assessment data and special program data available for reporting. Training posted and attendance documented in the Professional Development Management System

Comments:

LRPT Correlates: EP03, EP08, LAS08, TL15

Strategy 3.4.5: District staff will provide training to key campus staff, reviewing TEA data requirements and improved processes to ensure data quality.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Enterprise Applications Support, Training & Reporting, Coordinators of Applications Support, Training & Reporting

Evidence: Learning Management System records of attendance and Training Documentation

Comments:

LRPT Correlates: EP03, LAS08

Strategy 3.4.6: Continue monthly mandatory training referred to as "Learning Communities" for key campus staff. The Learning Communities will provide opportunities to review processes, share best practices and receive additional training.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Enterprise Applications Support, Training & Reporting, Director Educational Technology and Coordinators

Evidence: Learning Community Agenda and attendance rosters

Comments:

LRPT Correlates: EP03, I09

Strategy 3.4.7: Continue to provide support for teachers to manage grade books, create lesson plans, use library resources, and access curriculum.

State: Revised

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Enterprise Applications Support, Training & Reporting, Director Educational Technology, Director of Educational Technology, Coordinators of Applications Support, Training & Reporting

Evidence: CSC logs, CRM cases, Training Documentation

Comments:

LRPT Correlates: EP03, EP08, EP09, I09

Strategy 3.4.8: Provide support for parents' and students' electronic access to student data.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Application Development & Maintenance, Director of Enterprise Applications Support, Training & Reporting, Coordinators of Applications Support, Training & Reporting

Evidence: CSC logs, CRM cases, Documented training

Comments:

LRPT Correlates: EP03, I05, I09, TL15

Strategy 3.4.9: Annually review and revise the Goals, Objectives, Strategies, Evidence of Completion and budget included in the District ePlan.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer, Technology Leadership Team

Evidence: Plan updated annually in ePlan system

Comments:

LRPT Correlates: LAS02, LAS04, LAS05

Objective 3.5: Assist campuses with proper allocation of funds to meet the technology goals and objectives outlined in the Campus Improvement Plan.

Budget for this objective: \$30,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01 ER02

NCLB Correlates: 06

Strategy 3.5.1: Review budgets and advise campuses to ensure technology goals receive adequate funding.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Educational Technology

Evidence: Quotes for campuses and documents reviewed

Comments:

LRPT Correlates: LAS02

Objective 3.6: Provide on-line learning opportunities for students in various grade levels and content areas.

Budget for this objective: \$150,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates:

NCLB Correlates: 01 02 03 06 08 09

Strategy 3.6.1: Collaborate with the curriculum department to select and implement online/virtual courses which support the district curriculum providing students with opportunities for credit recovery as well as original credit.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Director of Curriculum

Evidence: Selection process documented, courses available to students, student transcript

Comments:

LRPT Correlates: EP08, TL05, TL13, TL15

Strategy 3.6.2: Plan and implement district created distance-learning blended courses.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Coordinator of Educational Technology

Evidence: Documented Plan and Course Offerings, Master Schedule

Comments:

LRPT Correlates: TL02, TL08, TL10, TL13

Goal 4: District staff and students will have access to an infrastructure for technology that augments/supports the instructional and administrative goals of the district.

Objective 4.1: Equip campuses with computing devices to meet a minimum standard equivalent to four students per computing device but sufficient to meet needs of the specific classroom.

Budget for this objective: \$8,000,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 12

Strategy 4.1.1: Continue Implementation of a plans to equip each FBISD campus with computing devices to work toward the goal of 1-1 computing.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology Director of Technical Services

Evidence: Supporting financial documents, computers visible in classrooms, inventory

Comments:

LRPT Correlates: I04, I07

Strategy 4.1.2: Continue to implement plans to ensure connectivity for all instructional computing devices.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Technical Services, Director Educational Technology

Evidence: Phased purchasing plan document with checklist for completed purchases and years; cabling contract and supporting financial documents.

Comments:

LRPT Correlates: I05, I06, I08

Strategy 4.1.3: Replace student and teacher PCs and computing devices using a system that takes budget availability, STaR Chart recommendations, and district needs into consideration.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer, Director of Technology Services, Director of Educational Technology

Evidence: Supporting financial documents and inventory

Comments:

LRPT Correlates: I05

Strategy 4.1.4: Replace and update student computers and computing devices in the library as necessary and allowed by available budget to ensure district library standards are met.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Director Educational Technology, Coordinator of Library Services

Evidence: Supporting financial documents, computer inventory

Comments:

LRPT Correlates: I05, TL10, TL11

Strategy 4.1.5: Provide access to computer applications on demand using server-based or cloud-based systems to deploy required software packages.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Director Enterprise Applications Support, Training & Reporting

Evidence: Software pushes available and documented in CRM, Cloud services available

Comments:

LRPT Correlates: I01, I05, I07, I08

Objective 4.2: Provide adequate bandwidth connectivity to all rooms while maintaining a safe internet environment for students.

Budget for this objective: \$3,600,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03 05 12

Strategy 4.2.1: Continue to ensure all campus and support facilities have adequate bandwidth and mobile devices including data access for meeting FBISD instructional goals.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer, Director of Educational Technology, Director of Technology Services

Evidence: Supporting financial documents, adequate use visible in classrooms, inventory

Comments:

LRPT Correlates: I01, I05

Strategy 4.2.2: Maintain and Update as needed an internet filter in accordance with the federal Child Internet Protection Act (CIPA) guidelines that allows students access to internet resources they need to complete their learning objectives while protecting them from images and content harmful to minors.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Director Educaitional Technology, Coordinator Library Media Services

Evidence: filter in use - currently using M8e6 internet filter Local internet Filter policy.
Comments: Currently in process of replacing 8e6 filter with Cisco Next Generation Firewall; combining firewall and internet filter in one appliance
LRPT Correlates: I01, I05

Objective 4.3: Equip instructional areas and staff on campuses with readily available technology, as well as emerging technologies, to enhance student instruction.

Budget for this objective: \$6,000,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 02 03 05 12

Strategy 4.3.1: Maintain support and access to the district Intranet and Internet in every FBISD K-12 classroom, computer lab, library, and through use of mobile computing devices.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager, Remote Services Manager

Evidence: Building level diagrams for network drops.

Comments:

LRPT Correlates: I01, I02, I05, I07, I08, I09

Strategy 4.3.2: Provide secure access for teachers to manage grade books, create lesson plans, use library resources, and access curriculum.

State: Revised

Status: In Progress

Timeline: 203-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager, Remote Services Manager

Evidence: Cisco ASA in place

Comments:

LRPT Correlates: I01, I05, I06, I07, I08, I09, TL16

Strategy 4.3.3: Set-up and support the use of classroom technologies for instruction such as but not limited to: data projectors, interactive white boards, wireless slates, document cameras and eReaders.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technical Services Director Educational Technology, Enterprise Applications Support, Training and Reporting, Coordinator Library Media Services

Evidence: Campus inventory and CMS documentation

Comments:

LRPT Correlates: I05, I09, TL08, TL10, TL11, TL12, TL13

Strategy 4.3.4: Provide, maintain and support a district-wide video on demand system and campus broadcast studios.

State: Revised

Status: In Progress

Timeline: 2013-2014,20142015,2015-2016

Person(s) Responsible: Director Technology Services, Director Educational Technology, Coordinator Library Media Services

Evidence: VBrick system install and campus level installs, inventory of system components and broadcast studio equipment

Comments:

LRPT Correlates: I01, I02, I05, I08

Strategy 4.3.5: Provide equipment and support for the implementation of on-line courses, distance learning and virtual field trips at all FBISD campuses.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Technology Services, Director of Educational Technology, Director of Enterprise Applications Support, Training & Reporting, Director of Curriculum

Evidence: documentation of equipment purchases and maintenance agreements, campuses CRM reports, Signed annual contract w/Region 4 to provide outside connections and purchase of Cisco bridge documentation

Comments: VBrick system install complete, purchasing Cisco Confernce Bridge in order to add capacity for multiple parties to join video conferences

LRPT Correlates: EP08, I01, I02, I05, I06, I07, TL10, TL11, TL12, TL13, TL15

Strategy 4.3.6: Implement and support mobile technology to maximize space, overcome building limitations and increase student/computer ratio.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Director Educational Technology

Evidence: Supporting financial documentation for purchases, CRM

Comments:

LRPT Correlates: I01, I04, I05, I09, TL08, TL09

Strategy 4.3.7: Provide campuses with a computer or computing device for each teaching position include CTE teachers maintaining an appropriate replacement cycle for teacher computers and computing devices as budget allows.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Director Educational Technology, Director of College and Career Readiness, Coordinators of Career and Technical Education

Evidence: Supporting financial documents and teacher computer visible in each FBISD classroom

Comments:

LRPT Correlates: I05, TL09

Strategy 4.3.8: Plan, implement and support computers and computing devices for teachers providing access to gradebook, portal, district drives, and other education related resources.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer, Director Technology Services, Director Educational Technology, Director Enterprise Applications Support, Training and Reporting

Evidence: Purchasing documentation, CRM cases

Comments:

LRPT Correlates: I04, I05, TL04

Strategy 4.3.9: Plan, implement and support computing devices for student check out at high risk campuses

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Educational Technology, Director Technology Services, Coordinator Educational Technology, Coordinator Library Media Services

Evidence: devices available for check out at selected Title I

Comments:

LRPT Correlates: TL09, TL10, TL12

Strategy 4.3.10: Provide and support appropriate telecommunications and broadband access needed to support district goals and objectives.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Chief Information Officer

Evidence: mobile devices and broadband connectivity available to appropriate staff IP telephones in every classroom and office area

Comments:

LRPT Correlates: I01, I04, I05, I08, TL13, TL15

Objective 4.4: Provide operational support for all district and state initiatives.

Budget for this objective: \$300,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03 05 12

Strategy 4.4.1: Maintain and upgrade as needed Remote access capabilities for rapid resolution to customer issues.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology services, Director of Enterprise Applications Support

Evidence: CRM reports

Comments:

LRPT Correlates: I01, I05

Strategy 4.4.2: Plan for and support state mandated online testing.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer, Director Educational Technology, Director Technology Services, Director Testing

Evidence: Online testing completion reports

Comments:

LRPT Correlates: I01, I04, I05, I09

Strategy 4.4.3: Work towards all interfaces and applications being Active Directory integrated based on technical capabilities of vendor partners.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Technical Services, Director of Application Development & Maintenance, Director of Enterprise Applications Support, Training & Reporting

Evidence: Policies and procedures for adding and removing users. New web applications developed would utilize Active Directory signons and vendor applications would be LDAP authenticated.

Comments:

LRPT Correlates: I05, I07

Strategy 4.4.4: Integrate user ID management with HR and Financials systems.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Technical Services, Director of Application Development & Maintenance, Director of Enterprise Applications Support, Training & Reporting

Evidence: Active Directory integration with PeopleSoft HR and Financials systems and automation of userid creation and security assignments where feasible.

Comments:

LRPT Correlates: I01, I05, I08

Strategy 4.4.5: Design and implement secure parental access to student information.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Enterprise Applications Support, Training & Reporting

Evidence: Secure Parent Portal available to all FBISD Parents

Comments:

LRPT Correlates: I01, I05, I08, I09, TL15, TL16

Objective 4.5: Provide powerful LAN/WAN connectivity to all rooms that provides dependable access to multiple district-wide and external resources for students, teachers, and administrators.

Budget for this objective: \$3,000,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 03 12

Strategy 4.5.1: Plan and implement an alternate path for internet access/connection.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager

Evidence: Supporting financial documents and periodic testing.

Comments: Multiple internet paths through separate Telco's

LRPT Correlates: I01, I08, TL09

Strategy 4.5.2: Ensure all areas on campus have adequate bandwidth for meeting FBISD instructional goals.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager

Evidence: Output reports from monitoring tools.

Comments: In process of adding additional fiber path in order to double available bandwidth

LRPT Correlates: I01, I05, I06, TL09

Strategy 4.5.3: Design and implement comprehensive LAN/WAN redundancy within FBISD infrastructure.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager

Evidence: Building infrastructure documents and supporting financial documents.

Comments: Replaced End of Life or out of warranty Network Equipment at 26 buildings.

LRPT Correlates: I01, I05, I08, TL09, TL10

Strategy 4.5.4: Design and implement comprehensive Security for the Wired, Wireless and VPN Networks.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager

Evidence: supporting financial documents and diagrams

Comments: Planning phase in progress for implementing Cisco Identity Services Engine as well as Next Generation Cisco Firewall.

LRPT Correlates: I01, TL09

Objective 4.6: Provide simultaneous access to on-line learning with rich media such as streaming video, applets, animation, etc.

Budget for this objective: \$3,000,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 02 05 12

Strategy 4.6.1: Maintain, support and develop content collections using streaming video servers and services.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Educational Technology, Coordinator Library Media Services, Director Technology Services, Local Services Manager

Evidence: Supporting financial documents, Library resource web pages and content available

Comments: This applies to the DE Streaming server and the Vbrick 1, 2, and 3 servers

LRPT Correlates: I01, I02, I05, TL09, TL10, TL11, TL15, TL16

Strategy 4.6.2: Upgrade as needed and support the Professional Development Management System and Web Hosted Professional Development System.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Educational Technology, Director of Enterprise Applications Support, Training & Reporting, Director Technology Services

Evidence: CRM Reports, supporting financial documents, course catalogs, and employee course completion transcripts.

Comments: currently eLearning and Atomic Learning

LRPT Correlates: EP01, EP03, EP04, EP05, EP08, I01, I05, TL09

Strategy 4.6.3: Upgrade to latest version of Sharepoint and introduce additional functionality to the SharePoint portals and individual "My Site(s)."

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Responsible: Director of Technical Services, Director of Application Development & Maintenance, Director of Educational Technology, Director of Enterprise Applications Support, Training & Reporting

Evidence: Upgrade completion report and CCB documents, users trained, and processes implemented for administration and usage. This one is being reevaluated 2014 may not upgrade.

Comments:

LRPT Correlates: EP08, I01, I03, I05, TL08, TL09, TL10, TL11, TL16

Strategy 4.6.4: Expand data storage to accommodate growth and new applications.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager

Evidence: Supporting financial documents, San

Comments:

LRPT Correlates: I07, LAS14, TL09

Objective 4.7: Establish, Communicate and implement policies, procedures and technologies to ensure that the technology support staff can successfully provide all district stakeholders with the tools needed to be successful in their learning and work.

Budget for this objective: \$8,000,000.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 01 03 05 06 12

Strategy 4.7.1: Establish and maintain Microsoft Enterprise License Agreement to ensure licensing is in place for an upgrade/migration path.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Chief Information Officer, Director Technology Services

Evidence: PO and board approval for license purchases

Comments:

LRPT Correlates: I05, TL09

Strategy 4.7.2: Plan and implement Upgrade of MS Operating System from Windows XP to Windows 7, establishing a new district standard.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Remote Services Manager

Evidence: Windows 7 OS loaded on all computers

Comments:

LRPT Correlates: I05, TL09, TL10

Strategy 4.7.3: Upgrade to current MS Office versions on all district computers as resources permit.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Remote Services Manager

Evidence: Current MS Office loaded on all computers and testing documentation

Comments:

LRPT Correlates: TL09

Strategy 4.7.4: Upgrade MS Internet Explorer to the latest most stable version which is compatible with district applications.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: 2013-2014,2014-2015,2015-2016

Evidence: Version of IE on all computers supports applications used by district, CCB documentation

Comments:

LRPT Correlates: TL09, TL10

Strategy 4.7.5: Establish a committee, plan and implement a process for creating and maintaining a Definitive Software Library.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Director Educational Technology, Director Curriculum, Director Enterprise Applications Support, Training and Reporting, Remote Services Manager

Evidence: Documented policies and procedures DSL established, CCB Documentation

Comments:

LRPT Correlates: TL08, TL09, TL10

Strategy 4.7.6: Establish and communicate defined service level agreements for technical support services offered.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technical Services, Director Educational Technology, Director Enterprise Applications Support, Training and Reporting, Director Application Development and Maintenance

Evidence: SLA document published and posted on IT portal and CCB Documentation

Comments:

LRPT Correlates: I01, I05, TL09, TL10

Strategy 4.7.7: Deploy Desktop Virtualization to measure applicability or effectiveness with district instructional applications.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Manager Local Services

Evidence: Scheduled demos and testing, tool in use and observable

Comments:

LRPT Correlates: I01, I02, I05, TL09

Strategy 4.7.8: Restrict desktop intrusion such as malware, viruses and client activated spyware by enhanced desktop security resulting in a reduction of client enabled risk.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Remote Services Manager

Evidence: Security enabled Reports

Comments:

LRPT Correlates: I01, I05, I07, LAS14, TL09

Strategy 4.7.9: Upgrade and maintain Antivirus Infrastructure for both Server and Client.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services

Evidence: Upgrade install documented and CCB Documentation for maintenance

Comments:

LRPT Correlates: I01, I02, I05, I07, I08

Strategy 4.7.10: Conduct pilot, upgrade and support Active Directory 2008

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services

Evidence: Pilot and upgrade documented

Comments:

LRPT Correlates: I05

Strategy 4.7.11: Update and configure the case management system to ensure the system accommodates the needs of users and service providers.

State: Original

Status: Planned

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Technology Services, Director of Application Development & Maintenance, Director of Enterprise Applications Support, Training and Reporting

Evidence: System updated and available for use, CCB documentation

Comments:

LRPT Correlates: I01, TL09

Strategy 4.7.12: Standardize Cisco equipment to either 3750 or 4006 depending on cable density.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Svices Manager

Evidence: Completed standard configuration for all switches district wide, Implemented to 26 locations, CCB Documentaiton

Comments:
LRPT Correlates: I01, I02, I06, I07, I08

Strategy 4.7.13: Provide power over Ethernet and 1 gigabyte to desktops.
State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director Technology Services, Local Services Manager
Evidence: power over ethernet available
Comments:
LRPT Correlates: I01, I02, I05

Strategy 4.7.14: Standardize on IOS for all district switches and routers.
State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director Technology Services, Local Services Manager
Evidence: Purchase documentation IOS switches and routers installed, CCB documentation
Comments:
LRPT Correlates: I01, I05

Strategy 4.7.15: Establish and maintain yearly maintenance agreements for all network equipment and Services.
State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Cheif Information Officer, Director Technology Services, Local Services Manager
Evidence: Agreement documentation, purchasing, board records
Comments: Add agreements annually as needed
LRPT Correlates: I01, TL09

Strategy 4.7.16: Work with Cisco Systems and local partners to design,implement and support the network core.
State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director Technology Services, Local Services Manager
Evidence: Network Core Upgrade, Financial and Board Documents, Design Documents
Comments:
LRPT Correlates: I01, TL09

Strategy 4.7.17: Provide and maintain network services such as Firewall and Intrusion Detection in the distribution layer to protect district services.
State: Original
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director Technology Services, Local Services Manager
Evidence: Documented install and updates, CCB documents
Comments:
LRPT Correlates: I01, TL09

Strategy 4.7.18: Implement and maintain Network Access Control into FBISD to further segregate access to the network.
State: Original
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director Technology Services, Local Services Manager
Evidence: Implementation documented, CCB documentation
Comments: Cisco ISE will allow NAC Services
LRPT Correlates: I01, I05, TL09

Strategy 4.7.19: Implement and maintain firewall services to protect all network segments.
State: Original
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director Technology Services, Local Services Manager
Evidence: documents of install retained, CCB documentation
Comments: ISE and NGN Firwall are in planning stages
LRPT Correlates: I01, TL09

Strategy 4.7.20: Maintain district standard for server hardware platform based on industry best practices.
State: Revised
Status: In Progress
Timeline: 2013-2014,2014-2015,2015-2016
Person(s) Responsible: Director Technology Services
Evidence: Purchasing records and CCB documentation
Comments: Current standardized on Cisco NEXUS or HP
LRPT Correlates: I01

Strategy 4.7.21: Continue to virtualize servers and Decommission servers that no longer perform at district standards.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager

Evidence: CCB documents, Servers removed from inventory and sent to auction

Comments: Ongoing Cycle

LRPT Correlates: I01

Strategy 4.7.22: Provide and maintain Integrated Lights Out (ILO) connectivity to every server.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager

Evidence: connectivity established

Comments:

LRPT Correlates: I01, I06, I07

Strategy 4.7.23: Use and maintain dual NIC's in every server for failover purposes.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager

Evidence: both NIC's enabled

Comments:

LRPT Correlates: I01, I06, I07

Strategy 4.7.24: Implement and maintain wireless network based on results of the wireless feasibility study and current industry standards.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager

Evidence: wireless network or access points available at all campuses

Comments:

LRPT Correlates: I01, I05, I07

Strategy 4.7.25: Maintain standard of 802.11N to provide adequate bandwidth.

State: Revised

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director Technology Services, Local Services Manager

Evidence: standard documented and maintained

Comments:

LRPT Correlates: I01

Strategy 4.7.26: Focus on developing solutions for reducing manual processes and paper processing by developing web applications and process improvements.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Application Development & Maintenance

Evidence: Prioritization of work by key stakeholders and new web apps developed, deployed and used by the business.

Comments:

LRPT Correlates: I01

Strategy 4.7.27: Decommission applications and hardware that were replaced by other systems.

State: Original

Status: In Progress

Timeline: 2013-2014,2014-2015,2015-2016

Person(s) Responsible: Director of Technical Services, Director of Application Development & Maintenance, Director of Enterprise Applications Support

Evidence: Applications shutdown and hardware decommissioned

Comments:

LRPT Correlates: I01, I07

BUDGET

Total amount of Title II, Part D formula funds received for the current year of this plan: \$0.00

Method of application for formula funds:

Budget for year 2013

- Telecom cost: \$3,000,000.00

- Telecom source: General Fund, ERATE discount

- Materials cost: \$2,000,000.00

- Materials source: General Fund
- Equipment cost: \$7,000,000.00
- Equipment source: General Fund, 2007 Bond remaining funds, potential future bond would allow increase
- Maintenance cost: \$2,000,000.00
- Maintenance source: General Fund
- Staff development cost: \$3,000,000.00
- Staff development source: General Fund and grants as secured
- Miscellaneous cost: \$1,010,000.00
- Miscellaneous source: General Fund
- Total: \$18,010,000.00

Budget for year 2014

- Telecom cost: \$3,000,000.00
- Telecom source: General Fund, ERATE discount
- Materials cost: \$2,000,000.00
- Materials source: General Fund
- Equipment cost: \$7,000,000.00
- Equipment source: General Fund, 2007 Bond remaining funds, potential future bond would allow increase
- Maintenance cost: \$2,000,000.00
- Maintenance source: General Fund
- Staff development cost: \$3,000,000.00
- Staff development source: General Fund and grants as secured
- Miscellaneous cost: \$1,010,000.00
- Miscellaneous source: General Fund
- Total: 18,010,000.00

Budget for year 2015

- Telecom cost: \$3,000,000.00
- Telecom source: General Fund, ERATE discount
- Materials cost: \$2,000,000.00
- Materials source: General Fund
- Equipment cost: \$7,000,000.00
- Equipment source: General Fund, 2007 Bond remaining funds, potential future bond would allow increase
- Maintenance cost: \$2,000,000.00
- Maintenance source: General Fund
- Staff development cost: \$3,000,000.00
- Staff development source: General Fund and grants as secured
- Miscellaneous cost: \$1,010,000.00
- Miscellaneous source: General Fund
- Total: 18,010,000.00

EVALUATION

Evaluation Process:

The IT Division Leaders will monitor and evaluate progress on the implementation of the technology plan informally on a monthly basis and formally annually. The committee will report findings to the Superintendent and others as needed. Findings will be published online on the Technology Portal.

Evaluation Method:

Evaluation will be both qualitative and quantitative. The IT Leadership Committee along with the additional planning team members will evaluate the effectiveness of the implementation of the technology plan through the "Evidence of Completion" as listed in the "Goals, Objectives, and Strategies" section for the four identified goals of the district e-Plan. Questions to ask about each stated "Evidence of Completion" component include: Does the evidence exist? What % of completion is seen? Is the timeline being followed?

Administrative and teacher surveys will be conducted annually to assess to what extent the Information Technology Division has met the needs of our stakeholders. **APPENDIX**

Attachment item A:

Student Handbook - The handbook includes Digital Citizenship Policy to provide guidelines for proper computer/network/Internet use and conduct. Internet Safety and Cyberbullying are also covered in this document. The parental consent form is updated annually and part of the handbook.

PDF file:  <http://www.fortbendisd.com/docs/dosa/StudentParentHandbook.pdf>

Attachment item B:

Fort Bend ISD has a number of programs in place to educate students, parents and staff on how to stay safe online. This public facing webpage is continually updated to include current resources for parents, teachers and the community.

Web site: <http://www.fortbendisd.com/departments/academics/student-support/anti-bullying-internet-safety>

Attachment item C:

The FBISD Parent/Student Website provides links to Campus Websites, Internet Safety and Atomic Learning (online technology learning resources or students and parents).

Web site: <http://www.fortbendisd.com/home/student-parent-information>

Attachment item D:

The Educational Technology website provides access to TA TEKS by grade level, Internet Safety and Distance Learning in FBISD.

Web site: <http://www.fortbendisd.com/departments/technology/educational-technology/educational-technology>

Attachment item E:

The Family Access portal allows parents access to view grades, absences, assignments lunch balances and their overall progress.

Web site: <http://www.fortbendisd.com/departments/technology/family-access>

Attachment item F:

Transfinder allows the community to locate their zones schools and bus routes by address.

Web site: <http://www.fortbendisd.com/departments/auxiliary/transportation/bus-route-locator>

Attachment item G:

The employee services website allows all employees quick access to services such as Curriculum Management, E-Mail, SIS, Absence Reporting, etc.

Web site: <http://www.fortbendisd.com/home/staff-information>

Attachment item H:

The District Strategic Plan is updated annually to include the district's Vision, Mission, Goals and Strategic Objectives.

PDF file:  <http://www.fortbendisd.com/docs/district-strategic-plan/dsp.pdf>

Attachment item I:

The Fort Bend ISD Home Page.

Web site: <http://www.fortbendisd.com/>

Attachment item J:

Library Media Services Resources

Web site: <http://www.fortbendisd.com/departments/technology/library>