DENTON ISD
Technology Plan

2012 - 2015

Dr. Jamie Wilson

SUPERINTENDENT

DISTRICT PROFILE

ESC Region	11
City, State Zip	DENTON, TX 76201
Phone	(940) 369-0000
Fax	(940) 369-4982
County District Number	061901

Number of Campuses	36
Total Student Enrollment	24883
District Size	10,000 - 24,999
Percent Econ. Disadvantaged	42.68%

Technology Expenditures		$5,623,450.49
Technology budgets reported in plan by category	Teaching and Learning Budget	$476,664.39
	Educator Preparation and Development Budget	$184,873.72
	Leadership, Administration and Support Budget	$364,997.00
	Infrastructure for Technology Budget	$4,596,915.38
	Total:	**$5,623,450.49**
Technology Expenditure Per Pupil	$226.00	
Number of Campuses with Direct Connection to Internet	36	
Percentage of Campuses with Direct Connection to Internet	100.00%	
Number of Classrooms with Direct Connection to Internet	1100	
Percentage of Classrooms with Direct Connection to Internet	100.00%	
Computer/Student Ratio	3 student(s) for every computer	
Computer/Teacher Ratio	1 teacher(s) for every computer	
Number of campuses that need to complete the Texas Campus STaR Chart	35	
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %	

CIPA Compliance	CIPA compliance was certified by the district on 05/22/2012. The Board of Trustees for Denton ISD will hold a public meeting on its Internet Safety and Acceptable Use Policy on June 26, 2012. The hearing will be publicized according to district policies and the adoption of the policy, if approved, will be reflected in the minutes of the board of trustees. In addition, at each school campus the librarian and counselor held a meeting for their staffs and students on internet safety and the district's acceptable use policy.

Plan Introduction

Plan Last Edited 03/27/2012

Plan status:	approved
Years Included in the Plan:	2012 - 2015
Number of years covered by the plan:	3
Years Approved for the Plan:	2012 - 2015
Number of approved years:	3

Does the district file E-Rate? yes
The district had a "written" plan before E-Rate Form 470 was filed on 01/25/,2012.

Technology Planning Committee
Ernie Stipling, Technology Information Officer
Robert Bostic, Director of Instructional Technology
Michael Bernstein, Director of Network Services
Gary Miller, Instructional Technology Manager
Donna Kearley, Coordinator of Library Media Services
Carolyn Thomson, Web Master/District Trainer
Leslie Taylor, District Trainer
Roy Verges, District Videographer
Technology Advisory Committee

Executive Summary

The Denton Independent School District has created a plan to set measurable goals and deadlines for the district's continuing growth, to provide the resources necessary for our teachers and students and provide the necessary support to the learning process. The priorities for the DISD Technology Plan are: teaching and learning, educator preparation and development, leadership, administration and instructional support, and infrastructure for technology.

This plan advocates teaching and learning through the use of technology which can virtually bring the world to the students of Denton ISD. Technology can provide a depth and richness to instructional approaches so that students of all learning modalities can be reached.

Educator preparation and development in the effective use and integration of technology will be a determining factor in the success of this plan. The plan provides for an extensive professional development program for district staff members to facilitate the effective integration of technology at all levels. A new focus of online learning will be of top priority for DISD.

In our fast-paced society it is virtually impossible to predict what technologies will benefit our classrooms during the next several years. However, this plan does address the leadership, administration and instructional support necessary to provide for a comprehensive technology program that will benefit everyone in Denton ISD. The success of this program is dependent upon the ability of the district to provide the necessary tools, resources and upgrades of existing equipment.

The Denton ISD technology plan also recognizes the need for a powerful and dynamic infrastructure. Without a strong backbone, we will not be able to support the goals of the district and state. In a time where communication with parents and community is vital, the success of that communication is dependent upon a solid infrastructure behind the scenes.

The technology priorities of DISD have come together in one plan with input from our classroom teachers, students, and administration. Information received from the Texas STaR Chart, surveys, and meetings with district personnel were crucial in building our plan. We have made every effort to put forth goals and objectives that are attainable in our fast growing district and provide the best for our students and teachers.

Needs Assessment

Assessment Process:
An ongoing, comprehensive needs assessment utilizing online teacher surveys, interviews with department heads, technology advisory committee meetings, campus inventories, and the Texas Campus STaR Chart were conducted to analyze the current status of technology in the district and determine future needs. Items analyzed included: personnel support, professional development, curriculum integration, infrastructure, hardware, software, student achievement, and technology resources. Findings from this needs assessment enabled us to create the goals, objectives and strategies outlined in the plan.

Existing Conditions:
The process for determining district technology needs has included involving all stakeholders of DISD. Getting input from the The Technology Advisory Committee that includes a representative from each campus in DISD, community members, high school student members, and central office staff. We also included the curriculum technology specialists, campus technology integrators, all of the staff within the technology department and members of the curriculum and instructional team. With all these stakeholders involved, we were able to grasp the technology needs across all of DISD.

Our district has accomplished many things over the years that has set DISD on the forefront of leading edge technology. In order to have an accurate assessment of technology needs in DISD and to set the priorities within our plan, we have strived to gather as much data as possible for analysis.

Besides involving DISD stakeholders in the assessment process, DISD collected data using a variety of methods including:

*Completion of teacher and campus STaR Chart surveys
*Review of No Child Left Behind requirements, E-Rate requirements, Texas Long Range Plan for Technology recommendations, and SBEC Standards for Technology
*Review of campus TAKS data
*Review of core curriculum TEKS and Technology Application TEKS
*Analysis and review of minutes from District Technology meetings, Campus Technology meetings, and District Adminstrative meetings.
*Inventory of campus/district hardware and software
*On-line surveys with stake holders (teachers, administrators, students, parents, and community members)
*Informal interviews with students, teachers, administrators, parents, and community members
*Evaluation of current Staff Development opportunities
*Review of laptop initiative program
*Review of technology maintenance contract and services
*Consultation with vendors/specialist on network design and performance
*Analysis and study of school districts implementing technology successfully
*Tracking of DISD technology course offerings
*Review of current Acceptable Use Policy (AUP)
*Review of current DISD Student Code of Conduct
*Review of current DISD Classroom Software Standards
*Review of current software approval process

Technology Needs:
Four priorities have been identified as essential to the effective implementation of the Denton ISD long-range technology plan.

* teaching and learning
* educator preparation and development
* leadership, administration and instructional support
* infrastructure for technology.

Support is the district's commitment to provide the necessary personnel and infrastructure to effectively implement this plan. Lack of this support will extremely limit the ongoing effectiveness of the technology tools, rendering the continual investment in them ineffectual.

Professional development involves the support offered to the Denton ISD staff that enables them to develop the necessary skill set to effectively integrate technology into the curriculum. This includes the training of staff members whose main responsibility is something other than direct student instruction. The focus ranges from learning the basics of the technology tools to advanced levels of inventing new ways to use the technology tools. A variety of professional development will need to be offered to meet the needs of DISD staff. Face to face, CBT, online learning, and distance learning.

Curriculum integration involves the effective use of the technology tools in the teaching and learning process. Everything from basic keyboarding through advanced multimedia and web designed lessons are a part of curriculum integration. Curriculum is the roadmap that guides student learning. Technology is a vehicle that meets the needs of today's students allowing them to successfully navigate the roads of curriculum.

Infrastructure includes, but is not limited to computers, printers, scanners, digital cameras, digital projectors, scan converters, voice, video, data networks and software applications such as an electronic grade book, student management, school management, teacher productivity and instructional applications. The networks include but are not limited to the school's local-area network (LAN), the district wide-area network (WAN), video networks, as well as the access to the school and district's Intranet and Internet. These needs have been identified by the stakeholders of DISD

Goals, Objectives, and Strategies

GOAL 1: Administration, teachers and students will utilize technology as a integrated tool within the curriculum to create a technology rich environment that will increase student achievement, improve instructional accountability and provide the necessary resources and support to adequately meet the needs of a fast-growing district population.

OBJECTIVE 1.1:

The district will provide the technical support staff to ensure effective utilization of technology equipment.

Budget Amount $0.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02
NCLB Correlates: 03, 06, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
1.1.1:	Maintain technology staff support at each high school, middle school, and elementary school through the use of campus technicians and curriculum instructional specialists. Comments: The technology advisory committee meets regularly during the school year to assess district technology needs. LEA LRPT Correlates: EP03, EP09, I01, LAS02, LAS10, TL01, TL06, TL09	State: Original Status: In Progress	Ongoing	Personnel Department, School Board, and TIO	Positions created and filled
1.1.2:	Technology staffing levels will be maintained as new schools are opened to provide continued support for student academic acheivement. Comments: The Support sub-committee recommends additional positions as "essential" to be able to support the objectives and goals of the district. There is a formal recommendation to the EIC district committee to staff elementary CTS positions at 1 CTS for every 4 elementaries. LEA LRPT Correlates: EP01, EP03, EP04, EP09, I09, LAS01, LAS02, LAS03, LAS10, TL01, TL03, TL05, TL06, TL08, TL09, TL16	State: Original Status: In Progress	Ongoing	Personnel Dept., School Board	Positions filled

OBJECTIVE 1.2:

Teachers will utilize and integrate technology into all aspects of curriculum.

Budget Amount $242,916.94
LRPT category: Teaching and Learning

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 06, 07, 08, 11, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*

1.2.1:	Teachers will incorporate technology into the teaching and learning process through utilization of lesson resources in the online curriculum. LEA LRPT Correlates: EP01, EP02, EP04, EP06, EP07, EP08, EP09, I01, I03, I08, TL01, TL03, TL04, TL05, TL06, TL08, TL09, TL10, TL12	State: Original Status: In Progress	Ongoing	Curriculum, Instructional Technology, Teachers and Principals	Lesson plans and teacher evaluations reflect the use of technology throughout the teaching and learning process.
1.2.2:	Continue the DigiTechS program, A+ and MOUS or comparable certification programs, at all high schools. Comments: It should be noted that other programs may be added that will support this initative as they emerge. LEA LRPT Correlates: EP09, I01, I08, LAS05, TL01, TL02, TL06, TL09, TL13, TL15	State: Original Status: In Progress	Ongoing	Principals	Program is offered at the high schools and throught the Advanced Technology Complex.
1.2.3:	The district must seek grants, utilize the DISD Educational Foundation and grant department to support technology integration. LEA LRPT Correlates: LAS02, LAS04, LAS05, LAS06, LAS13, LAS15	State: Original Status: In Progress	Ongoing	Grants coordinator	Grant opportunities are applied for and approved.
1.2.4:	Provide teachers with the necessary software and technology supplies to fully integrate technology into the curriculum LEA LRPT Correlates: EP03, EP04, EP06, EP08, EP09, I05, I09, LAS01, LAS02, LAS03, LAS05, LAS07, LAS10, LAS15, TL01, TL02, TL03, TL04, TL05, TL06, TL07, TL08, TL09, TL10, TL11, TL12, TL13, TL14, TL15, TL16	State: Original Status: In Progress	Ongoing	TIO, Director of Instructional Technology, Purchasing Department	Technology integrated in CIP, purchase orders, inventory of supplies and software
1.2.5:	Maintain district technology hardware and software standards and make available to all DISD staff through DISD webpage and the DISD staff Learning Portal. LEA LRPT Correlates: EP04, I01, I02, I08, I09, TL08, TL09	State: Original Status: In Progress	2009-2015	Director of Instructional Technology	Purchase orders, district inventory and webpage prescence
1.2.6:	Plan and implement a Cyber Safety program that is web based that will encourage good digital citizenship. Comments: No impact to current budget LEA LRPT Correlates: EP06, I08, I09, LAS07, LAS13, TL05, TL08, TL14	State: Original Status: In Progress	2009-2015	TIO, Instructional Technology, Counseling Services	Written Curriculum and Implemented Activities
1.2.7:	Create a technology advisory	State:	Ongoing	Technology Advisory	Meeting agenda and

committee to align the Technology TEKS with DISD Curriculum and to develop a timeline for the implementation of best practices, lessons, and technology rollout on the campuses. Comments: These documents will include library resources, digital content, online resources and software. No budget impact for this strategy. LEA LRPT Correlates: EP09, I09, LAS01, LAS02, LAS03, LAS05, TL04, TL06, TL16	Original Status: In Progress		Committee, Instructional Technology Manager, Director of Instructional Technology, Coordinator of Library Media Services, and Curriculum Coordinators	minutes, developed timeline and technology infused curriculum resources

OBJECTIVE 1.3:

The district will maintain current levels of network services, technical, and help desk support.

Budget Amount $0.00
LRPT category: Leadership, Administration and Support

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.3.1:	Provide technical support and help desk support outside of normal school hours to support regularly scheduled curricular and extra-curricular activities. LEA LRPT Correlates: EP05, EP09, TL08, TL09	State: Original Status: In Progress	2009-2015	TIO, Repair Manager, Dir. of Network Services.	Schedules revised, contact information posted, positions filled

OBJECTIVE 1.4:

The central department of technology will collaborate with all district entities to improve communication.

Budget Amount $214,997.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 03, 04a, 06, 08, 09, 10, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.4.1:	Create a paperless workflow merging previously segregated databases into an efficient, user-friendly, unified system. LEA LRPT Correlates: I01, I02, I07, I08, I09, LAS02, LAS08, LAS09, LAS11, LAS14, TL05, TL14, TL15	State: Original Status: In Progress	2009-2015	TIO, Technology Staff	Online student registration system, online forms, heterogenous database system
1.4.2:	Insure that technology is represented on the TCC. LEA LRPT Correlates: EP03, EP09, I03, LAS07	State: Original Status: In Progress	2009-2015	TIO, Principals	Campus CT, TI or CTS is on committee
1.4.3:	Continue to work with all DISD staff members to utilize the School Wires	State: Original	2009-2015	TIO, School Board, Personnel Dept.	Promotional items are created

| | environment for communication

LEA LRPT Correlates: EP03, EP08, EP09, I01, I02, I03, I05, I06, I08, I09, LAS01, LAS03, LAS09, LAS10, LAS11, LAS13, LAS14, TL04, TL07, TL08, TL09, TL10, TL12, TL13, TL15 | Status: In Progress | | | |

OBJECTIVE 1.5:

Stakeholders in the DISD community will have access to current and innovative technology as well as any additional resources needed to provide a technology enriched environment.

Budget Amount $233,747.45
LRPT category: Teaching and Learning

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 07, 08, 12

Strategies		*State/Status:*	*Timeline:*	*Person(s) Responsible:*	*Evidence:*
1.5.1:	Develop and implement a program (Computers 4 Kids) that places computers in the homes of DISD students. Comments: Computer 4 Kids program is managed through the Advanced Technology Complex LEA LRPT Correlates: I01, I03, I04, TL09, TL15	State: Original Status: In Progress	2009-2015	TIO, Instructional Technology Manager, and the Dean of Instruction at the Advanced Technology Complex	Applications, placement lists, and support logs from the Advanced Technology Complex
1.5.2:	Continue to provide all campuses and future campuses will current distance learning equipment and connectivity between campuses and locations outside of our network Comments: Use of Bond funds to purchase DL equipment for new schools LEA LRPT Correlates: EP01, EP03, EP04, EP06, EP08, I01, I02, I06, I09, LAS05, LAS07, LAS15, TL08, TL09, TL10, TL11, TL12, TL13	State: Original Status: In Progress	2009-2015	TIO and Director of Instructional Technology	Purchase orders, Inventory lists, Bi-yearly distance learning reports
1.5.3:	Plan and implement a computer literacy assessment for students in grade 8. Comments: No impact to budget LEA LRPT Correlates: EP05, I09, LAS05, TL01, TL03, TL04, TL06	State: Original Status: In Progress	2009-2015	Director of Instructional Technology, Instructional Technology Manager, and Curriculum Technology Specialists at the middle schools	Computer literacy assessments and their results
1.5.4:	Students will have an increased opportunity to participate in distance learning courses. LEA LRPT Correlates: EP08, TL09, TL12, TL13	State: Original Status: In Progress	2009-2015	Director of Instructional Technology	Use of budget for courses offered and bi-yearly DL reports
1.5.5:	Students will have the opportunity to participate in low enrollment courses,	State: Original	2009-2015	TIO, Curriculum Department, Counseling	Course Guide, Transcripts and Bi-

	enhancement programs and dual credit via distance learning LEA LRPT Correlates: I02, TL09, TL12, TL13	Status: In Progress		Services, Director of Instructional Technology	yearly DL reports

OBJECTIVE 1.6:

All K-12 teachers and DISD parents will have equal access to online gradebook, attendance and standardized report cards.

Budget Amount $150,000.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 09, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.6.1:	Implement a standardized teacher gradebook implementation, parent access and reports cards at the elementary level to mirror the current secondary process already in place. LEA LRPT Correlates: EP03, EP08, I01, I08, I09, LAS09, LAS11	State: Original Status: In Progress	2009-2015	Executive Director of Curriculum, Director of Instructional Technology, and Director of Data Processing	Standardized gradebook program in elementary, parent access to gradebook and standardized report cards.

OBJECTIVE 1.7:

Students will be able to obtain speciality certifications in information technology, TV and Radio

Budget Amount $0.00
LRPT category: Teaching and Learning

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 05, 06, 08, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.7.1:	HS students will be able to participate in certification classes such as Cisco Academy, A+ and other certification programs through the CATE Advanced Technology Complex LEA LRPT Correlates: I01, I09, LAS05, TL02, TL09, TL12, TL13, TL15, TL16	State: Original Status: In Progress	2009-2015	Director of CATE and Curriculum Department	PIEMS data, course guide and completion of certifications

OBJECTIVE 1.8:

The district will acknowledge and recognize through incentives teachers integrating technology.

Budget Amount $90,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 06, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.8.1:	The district will award teachers through incentives in professional development and provide incentives through the TASK program.	State: Original Status: In Progress	2009-2015	Director of Instructional Technology, all instructional technology staff, Principals and librarians.	published list of award winners and inventory of incentives

Comments: TASK - Technology Accelerating Student Knowledge LEA LRPT Correlates: EP01, EP04, EP05, EP06, EP07, EP08, EP09, I02, LAS06, TL08, TL16				

GOAL 2: Teachers and staff will attain and possess the necessary skill set, through quality professional development, to effectively integrate technology, help to motivate students to learn and be prepared to enter a competitive technology-entrenched society and/or higher-education system.

OBJECTIVE 2.1:

The district and campuses will provide high quality, on-going professional development so that educators will effectively integrate technology in the teaching and learning process.

Budget Amount $63,000.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 03, 04a, 04b, 07, 08, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.1.1:	Technology teams will provide support and technology integration training to all campus staffs. Comments: Technology teams consist of campus technicians, curriculum technology specialists, and librarians. LEA LRPT Correlates: EP01, EP03, EP04, EP05, EP06, EP07, EP08, EP09, LAS01, LAS02, LAS03, LAS05, LAS10, TL01, TL02, TL05, TL07, TL08, TL09, TL11, TL12, TL13, TL16	State: Original Status: In Progress	2009-2015	Principal, School Board, Personnel Department, TIO, and Director of Instructional Technology	Technology teams are divided into geographic regions of the district.
2.1.2:	Integrate technology into the district staff development process that are documented via teacher evaluations. LEA LRPT Correlates: EP01, EP03, EP04, EP05, EP07, LAS12, TL01, TL04, TL06, TL07, TL10	State: Original Status: In Progress	2009-2015	Curriculum & Staff Development Dept., Dir. of Instructional Tech., TIO	Agendas reflecting inclusion and utilization of technology
2.1.3:	The district will offer a variety of delivery methods for on-going training (Online, CBT, distance education, face-to-face…). LEA LRPT Correlates: EP01, EP04, EP06, EP08, TL08	State: Original Status: In Progress	2009-2015	Dir. of Inst. Tech., TIO	Workshop schedules, availability of online training
2.1.4:	The district will plan and implement a 3-day technology academy (TIA) during the summer focusing on instructional technology and professional development applications for the classroom. Comments: The Technology Integration Academy (TIA) is the name of our summer professional development program and is free for all Denton ISD employees. LEA LRPT Correlates: EP01, LAS03	State: Original Status: In Progress	2009-2015	Superintendent, Assistant Superintendent of Curriculum, TIO, and Director of Instructional Technology	One district technology professional development built into district calendar.

OBJECTIVE 2.2:

The district will provide standardized technology support and training sufficient to allow librarians to fulfill their role as information specialists.

Budget Amount $0.00
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 02, 03, 04a, 04b, 06, 07, 08, 09, 10

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.2.1:	At least one district librarian staff development will be dedicated to technology training and technology will be provided in the context of practice on a routine basis as part of their staff development. LEA LRPT Correlates: EP03, EP04, EP06, EP07, EP08, EP09, LAS01, LAS02, LAS03, LAS05, LAS09, LAS10, LAS13, TL05, TL06, TL08, TL09, TL10, TL11	State: Original Status: In Progress	2009-2015	Library / Media Services Coordinator, Curriculum & Staff Dev. Dept.	Staff Dev sessions are arranged and delivered.

OBJECTIVE 2.3:

The district will provide opportunities for teachers and staff to network with peers and colleagues to learn new ideas.

Budget Amount $31,873.72
LRPT category: Educator Preparation and Development

E-Rate Correlates: ER02
NCLB Correlates: 01, 02, 04a, 04b, 06, 07, 08, 11, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.3.1:	Attend state and national conferences focusing on educational technology. LEA LRPT Correlates: EP06, EP07, LAS06	State: Original Status: In Progress	2009-2015	TIO and Director of Instructional Technology	Teachers & Librarians attend state and national conferences.

GOAL 3: Denton ISD will provide appropriate access to information and resources for parents and other community members to help foster an environment of open communication and involvement.

OBJECTIVE 3.1:

Provide parents and the community a variety of information via the Internet.

Budget Amount $0.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 03, 06, 09, 10, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	Expand online resources that include a method for parents to obtain secure information throughout the community. LEA LRPT Correlates: I01, I02, I03, I05, I06, I08, I09, LAS09, LAS11, LAS14	State: Original Status: In Progress	2009-2015	TIO and Director of Data Processing	Parental access is available.

OBJECTIVE 3.2:

Provide access to materials in the schools, universities and city libraries for students, parents, and community by creating access points within the schools.

Budget Amount $0.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 03, 05, 06, 09, 10

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Open Libraries with computer access to community after-hours. LEA LRPT Correlates: EP09, I03, I09, LAS09, LAS10, TL05, TL09, TL10	State: Original Status: Planned	2009-2015	TIO, Coordinator of Library & Media Services, and Principals	Community access is available

OBJECTIVE 3.3:

Increase cooperation between city, university, and Denton ISD school libraries.

Budget Amount $0.00
LRPT category: Leadership, Administration and Support

E-Rate Correlates: ER01
NCLB Correlates: 03, 06, 09, 10, 12

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.3.1:	Create a method to link city, university and public school libraries to share online catalogs and resources. LEA LRPT Correlates: I02, I03, I05, I08, I09, LAS07, LAS09, LAS13, LAS14, TL05, TL09, TL10, TL11, TL16	State: Original Status: Planned	2009-2015	TIO and Coordinator of Library & Media Services	Online resources are available.
3.3.2:	Continue to work cooperatively with Continuing Education department (Adult Literacy provider)	State: Original	2009-2015	TIO and Director of Adult & Community	Adult litercy courses

	to support efforts to reach out to the community by providing instructors and facilities for adult literacy training.	Status: In Progress		Education	continue to be offered.
	LEA LRPT Correlates: I03, LAS04, LAS09, TL15				

GOAL 4: Infrastructure Goal: Denton ISD will provide adequate technology infrastructure to meet the instructional needs of students, teachers, and administrators that will allow them to succeed in an ever-changing environment.

OBJECTIVE 4.1:

To provide sufficient equipment to meet state and district standards based on staff and student populations.

Budget Amount $4,116,694.05
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01
NCLB Correlates: 01, 02, 03, 05, 06, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.1.1: Purchase equipment for each campus to insure equity and acheive the state recommended ratios. LEA LRPT Correlates: I01, I04, I06, I09	State: Original Status: In Progress	2009-2015	TIO and Curriculum Department	Each campus has equal opportunity for students and teachers.
4.1.2: Plan and budget for replacement of obsolete and irreparable equipment utilizing a 5-year replacement schedule. LEA LRPT Correlates: I01, I07, I09	State: Original Status: In Progress	On going	TIO and Director of Network Services	Staff receiving updated equipment.
4.1.3: Plan and budget for mini-laptops or comparable technology for staff to use for increased communication and productivity. LEA LRPT Correlates: I04, I05, I09, LAS02, LAS08	State: Original Status: In Progress	2009-2015	TIO and Curriculum Department	Each professional has access to a PDA, e-reader/slate tablet, etc.
4.1.4: Continue to investigate, plan, and implement wireless technology on all campuses. LEA LRPT Correlates: I01, I02, I04, I05, I06, I07	State: Original Status: In Progress	2009-2015	TIO and Director of Network Services	Wireless network established on each campus.

OBJECTIVE 4.2:

Standardize curriculum and administrative PC software in use by the school district.

Budget Amount $250,000.00
LRPT category: Infrastructure for Technology

E-Rate Correlates: ER01, ER02
NCLB Correlates: 01, 04a, 04b, 05, 06, 07, 11, 12

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.2.1: Determine which productivity software is needed on all ISD computers as the base image. LEA LRPT Correlates: EP03, TL06, TL09	State: Original Status: In Progress	2009-2015	TIO, Curriculum Department, Director of Instructional Technology, and CTSs	Published list of software standards
4.2.2: Determine which software is needed on each grade level/subject area as determined by the requirements of the curriculum.	State: Original Status: In	2009-2015	Curriculum Department	Published list of software standards.

	Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:
	Comments: The budget for this objective is funded through current bond funds. LEA LRPT Correlates: EP07, TL06, TL09	Progress			
4.2.3:	Implement software standards and restrict loading and installation of additional software to the district staff so that standardization can be maintained, copyright infringement does not occur, and software conflicts are minimized. LEA LRPT Correlates: EP03, I07, I09	State: Original Status: In Progress	2009-2015	TIO, Director of Network Services, and Curriculum Department	Policies in place to regulate software installation.

OBJECTIVE 4.3:

Provide the necessary building space, equipment, and support structure to maintain and expand the Denton ISD infrastructure.

Budget Amount $0.00
LRPT category: Infrastructure for Technology

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.3.1:	Evaluate the current Technology Center / Administration Complex and its support of the district's infrastructure. Comments: This strategy is funded through current bond funds. LEA LRPT Correlates: I02, I03, TL04, TL15	State: Original Status: Planned	2009-2015	Superintendent and TIO	Technology Center is expanded and upgraded.

OBJECTIVE 4.4:

Staff and students will have access to necessary files as needed.

Budget Amount $130,000.00
LRPT category: Infrastructure for Technology

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.4.1:	Increase the storage capacity for files to meet additional uses as more staff and students require more media access. LEA LRPT Correlates: EP05, I01, I04, I05, I06, I07, I09, LAS08	State: Original Status: Completed	2009-2015	TIO and Director of Network Services	SAN is increased to keep pace.
4.4.2:	Creation of meta-data repository utilizing various universal elements (i.e. names, addresses, asset tags, etc.). LEA LRPT Correlates: EP04, EP05, I01, I09, LAS08	State: Original Status: In Progress	2009-2015	School Board, Superintendent, and all Department Directors.	School records accessible as desired.

OBJECTIVE 4.5:

Provide necessary equipment and connectivity for intra- and inter-campus communications.

Budget Amount $100,221.33
LRPT category: Infrastructure for Technology

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.5.1:	Fully expand IP telephones to their maximum capability and pilot wireless telephony in conjunction with 5.1.5. Comments: This objective is funded through current bond funds, E-Rate funds and local funds. LEA LRPT Correlates: I01, I02, I05, I08, TL08	State: Original Status: Completed	2009-2015	TIO and Director of Network Services	Wireless IP phones for staff.
4.5.2:	Continue to provide network service support to every classroom and administrative complex. Comments: This objective is funded through current bond funds, E-Rate funds and local funds. *Network services include: Internet Access: Region XI $ 5,000 THENET $ 8000 Charter $ 45,000 Fiber Connectivity: $ 252,000 Telco Services: $ 190,000 LEA LRPT Correlates: I01, I02, I03, I05, I07, I08, I09, LAS05, TL04, TL08	State: Original Status: Completed	2009-2015	TIO and Director of Network Services	Phone and Internet access at all locations.

OBJECTIVE 4.6:

Develop and implement a district-wide disaster recovery system.

Budget Amount $0.00
LRPT category: Infrastructure for Technology

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

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.6.1:	Create a written plan for a downed system, including replacement equipment if needed, backup retrieval, and data restoration. LEA LRPT Correlates: I07, LAS02	State: Original Status: In Progress	2009-2015	TIO and Director of Network Services	Plan is published on intranet.
4.6.2:	Teachers and staff plan for system failure in the form of alternate lesson plans, alternate presentations methods, alternate communication methods, etc. LEA LRPT Correlates: EP01, LAS02, TL05	State: Original Status: In Progress	2009-2015	Principals and teachers	Alternate plans are recorded in lesson plan books.

Budget

Total amount of Title II, Part D formula funds received for the current year of this plan: $45,000.00

Method of application for formula funds: Local Application

Budget year 2012

Budget item	Cost	Funding Sources with amount per source
Staff Development	$20,623.44	30% Local 70% Title 2 Part D
Telecommunications & Internet Access	$31,872.52	8% Remaining 2007 Bond 92% Local
Materials & Supplies	$33,747.45	3% Title 2 Part D 2% Local 95% Tech Allotment
Equipment	$1,724,870.05	50% Tech Allotment 50% 2007 Bond
Maintenance	$48,746.33	100% Local
Miscellaneous Expenses	$16,124.72	100% Local
Total	$1,875,984.51	

Budget year 2013

Budget item	Cost	Funding Sources with amount per source
Staff Development	$20,623.44	30% Local 70% Title 2 Part D
Telecommunications & Internet Access	$31,872.00	100% Local
Materials & Supplies	$33,747.45	3% Title 2 Part D 2% Local 95% Tech Allotment
Equipment	$1,724,870.05	5% Tech Allotment 95% Local
Maintenance	$48,746.33	100% Local
Miscellaneous Expenses	$13,873.72	100% Local
Total	$1,873,732.99	

Budget year 2014

Budget item	Cost	Funding Sources with amount per source
Staff Development	$20,623.44	30% Local 70% Title 2 Part D
Telecommunications & Internet Access	$31,872.00	100% Local
Materials & Supplies	$33,747.45	3% Title 2 Part D 2% Local 95% Tech Allotment
Equipment	$1,724,870.05	5% Tech Allotment

		95% Local
Maintenance	$48,746.33	100% Local
Miscellaneous Expenses	$13,873.72	100% Local
Total	$1,873,732.99	

Evaluation

Evaluation Process:
Evaluation of the effective implementation of this plan will be continuous and ongoing. Each essential component will be reviewed annually and modifications made accordingly. Evaluation of professional development will be conducted through our online system, attendance gains and surveys conducted on the professional development given is essential in a continuous improvement environment.

Evaluation of integrating technology into the curriculum is an essential component of the professional development plan. Teachers are recognized for their integration in the classroom and technology tools are available for those teachers who participate in the program. Teachers will be recognized for successful mastery of the competencies and will have the opportunity for special recognition for innovative use of technology in the classroom.

The Technology Plan will be evaluated so that the district and the schools can monitor progress toward the specified goals and make mid-course corrections in response to new developments and opportunities as they arise.

Evaluation Method:
Evaluation will be ongoing and continuous. Budgets, strategies and objectives will be updated annually based on feedback from formal and informal evaluations (i.e. TAC, online surveys, teacher appraisals, TAKS results, staff development evaluations, etc.) Annual updates to the campus STaR chart will document the progress of the district on a campus-by-campus basis in the four broad areas evaluated within the document.

Teacher PDAS evaluations will reflect a utilization of technology integration and will be documented by supervisors.

Indicators for equipment acquisition will be reflected in the continual assessment of student-to-workstation and teacher-to-workstation ratios based upon campus inventories compared to average daily attendance at those campuses.

Appendix

Attachment item A:
Denton ISD Long-Range Technology Plan

- Web site: http://www.dentonisd.org/TechDIP

DENTON ISD does not discriminate on the basis of sex, disability, race, color, age, or national origin in its educational programs, activities, or employment as required by Title IX, Section 504 and Title VI.