DENTON ISD Technology Plan for E-Rate Year 10
2007 - 2010

RAY BRASWELL
SUPERINTENDENT

DISTRICT PROFILE
ESC Region: 11
City, State Zip: DENTON, TX 76201
Phone: (940) 369-0000
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Number of Campuses: 28
Total Student Enrollment: 19719
District Size: 10,000 - 24,999
Percent Econ. Disadvantaged: 38.00%

Technology Expenditures: $4,602,475.00
- Teaching and Learning Budget: $200,000.00
- Educator Preparation and Development Budget: $201,000.00
- Leadership, Administration and Support Budget: $150,000.00
- Infrastructure for Technology Budget: $4,051,475.00

Technology Expenditure Per Pupil: $233.40
Number of Campuses with Direct Connection to Internet: 28
Percentage of Campuses with Direct Connection to Internet: 100.00%
Number of Classrooms with Direct Connection to Internet: 1700
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: 28
Percentage of campuses that have completed the Texas Campus STaR Chart: 100.00 %

PLAN INTRODUCTION
Plan Last Edited: 02/02/2007

Technology Planning Committee:
Ernie Stipling, Technology Information Officer
Holly Davis, Director of Instructional Technology
Christine Jacobsen, Coordinator of Elementary Instructional Technology
Donna Kearley, Coordinator of Library Media Services
Jeff Windsor, Internet Specialist/District Trainer
Pamela Kachka, HS Curriculum Technology Specialist
Karen Crozier, MS Curriculum Technology Specialist
Chris Born, Elem. Curriculum Technology Specialist
Miles Collins, Student and technology intern

Advisory Members

District Curriculum Technology Specialists
Campus Technology Integrators
Educational Improvement Council committee members
Curriculum and Instructional Leadership Team
Technology Staff Members

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, LRTP meetings, campus inventories, and the Texas Campus STaR Chart was 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 Educational Improvement Committee members involves a representative from each campus in DISD, community 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 players 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 be provided 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 at a ratio of one full time technical staff per 1000 computers to ensure effective utilization of technology equipment.
Budget for this objective: $0.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01 ER02
NCLB Correlates: 03 06 12

Strategy 1.1.1: Increase technical staff by one additional Campus Tech at each high school.
State: Original
Status: Planned
Timeline: 2007-2008

Person(s) Responsible: Personnel Dept., School Board, TIO
Evidence: Positions created and filled
Comments: The Support sub-committee recommends additional positions as "essential" to be able to support the objectives and goals of the district.
LRPT Correlates: EP03, EP09, I01, LAS02, LAS10, TL01, TL06, TL09

Strategy 1.1.2: Staffing levels should be maintained as all new schools are opened - 1 CTS for each secondary school, 1 CTS for every 4 elementaries, 1 CT for middle schools, 1 CT for every 2 Elementaries, and 2 CT for high schools to improve student academic acheivement.
State: Original
Status: Planned
Timeline: Ongoing
Person(s) Responsible: Personnel Dept., School Board
Evidence: Positions filled
Comments: The Support sub-committee recommends additional positions as "essential" to be able to support the objectives and goals of the district.
LRPT Correlates: EP01, EP03, EP04, EP09, I09, LAS01, LAS02, LAS03, LAS10, TL01, TL03, TL05, TL06, TL08, TL09, TL16

Objective 1.2: Teachers will utilize and integrate technology into all aspects of curriculum.
Budget for this objective: $0.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER02
NCLB Correlates: 01 02 03 04a 04b 06 07 08 11 12

Strategy 1.2.1: Teachers will incorporate technology into the teaching and learning process through utilization of lesson resources in the online curriculum.
State: Original
Status: In Progress
Timeline: 2007-2009
Person(s) Responsible: Curriculum, Instructional Technology, Teachers and Principals
Evidence: Lesson plans and teacher evaluations reflect the use of technology throughout the teaching and learning process.
Comments:
LRPT Correlates: EP01, EP02, EP04, EP06, EP07, EP08, EP09, I01, I03, I08, TL01, TL03, TL04, TL05, TL06, TL08, TL09, TL10, TL12

Strategy 1.2.2: Continue the DigiTechS program, A+ and MOUS or comparable certification programs, at all high schools.
State: Original
Status: In Progress
Timeline: Ongoing
Person(s) Responsible: Principals
Evidence: Program is offered at the high schools.
Comments:
LRPT Correlates: EP09, I01, I08, LAS05, TL01, TL02, TL06, TL09, TL13, TL15

Strategy 1.2.3: The district must seek grants and utilize the grant department to support technology integration.
State: Original
Status: Planned
Timeline: Ongoing
Person(s) Responsible: Grants coordinator
Evidence: Grant opportunities are applied for and approved.
Comments:
LRPT Correlates: LAS02, LAS04, LAS05, LAS06, LAS13, LAS15

Strategy 1.2.4: Provide teachers with the necessary software and technology supplies to fully integrate technology into the curriculum
State: Original
Status: Planned
Timeline: 2007-2010

Person(s) Responsible: TIO, Director of Instructional Technology, Purchasing Department
Evidence: Technology integrated in CIP, purchase orders, inventory of supplies and software
Comments:
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

Strategy 1.2.5: Maintain district technology hardware and software standards and make available to all DISD staff through DISD webpage
State: Original
Status: Planned
Timeline: 2007-2008
Person(s) Responsible: Director of Instructional Technology
Evidence: Purchase orders, district inventory and webpage prescence
Comments:
LRPT Correlates: EP04, I01, I02, I08, I09, TL08, TL09

Strategy 1.2.6: Plan and implement a Cyber Safety Week to enable students to be good Cyber citizens
State: Original
Status: Planned
Timeline: 2007-2008
Person(s) Responsible: TIO, Instructional Technology, Counseling Services
Evidence: Written Curriculum and Implemented Activities
Comments: No impact to current budget
LRPT Correlates: EP06, I08, I09, LAS07, LAS13, TL05, TL08, TL14

Strategy 1.2.7: Develop and implement a Technology Integration Team to align Technology TEKS with DISD Curriculum and develop a timeline for the development of best practices, lessons, and specificity.
State: Original
Status: Planned
Timeline: 2007-2008
Person(s) Responsible: Director of Instructional Technology, Coordinator of Library Media Services and Curriculum Coordinators
Evidence: Meeting agenda and minutes, developed timeline and technology infused curriculum resources
Comments: These documents will include library resources, digital content, online resources and software. No budget impact for this strategy.
LRPT Correlates: EP09, I09, LAS01, LAS02, LAS03, LAS05, TL04, TL06, TL16

Objective 1.3: The district will maintain and increase current levels of network services, technical, and help desk support.
Budget for this objective: $0.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01
NCLB Correlates: 03 05 06 12

Strategy 1.3.1: Provide tech support and help desk support outside of normal school hours to support regularly scheduled curricular and extra-curricular activities and add 1 network engineers, 1 CT for admin/PDC, and 1 programmer.
State: Original
Status: Planned
Timeline: 2007-2008
Person(s) Responsible: TIO, Repair Manager, Dir. of Network Services.
Evidence: Schedules revised, contact information posted, positions filled
Comments:
LRPT Correlates: EP05, EP09, TL08, TL09

Objective 1.4: The central department of technology will collaborate with all district entities to improve communication.
Budget for this objective: $0.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01 ER02
NCLB Correlates: 01 02 03 04a 06 08 09 10 11 12

Strategy 1.4.1: Create a UNION project that will create paperless workflow and merging previously segregated databases into an efficient, user-friendly, unified system.
State: Original
Status: In Progress
Timeline: 2007-2008
Person(s) Responsible: TIO, Technology Staff
Evidence: Online student registration system, online forms, heterogenous database system
Comments:
LRPT Correlates: I01, I02, I07, I08, I09, LAS02, LAS08, LAS09, LAS11, LAS14, TL05, TL14, TL15

Strategy 1.4.2: Insure that technology is represented on the TCC.
State: Original
Status: Planned
Timeline: 2007-2008
Person(s) Responsible: TIO, Principals
Evidence: Campus CT, TI or CTS is on committee
Comments:
LRPT Correlates: EP03, EP09, I03, LAS07

Strategy 1.4.3: Continue to work with all DISD staff members to utilize the School Wires environment for communication
State: Original
Status: In Progress
Timeline: 2007-2010
Person(s) Responsible: TIO, School Board, Personnel Dept.
Evidence: Promotional items are created
Comments:
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

Objective 1.5: 100% of all stakeholders in the DISD community will have access to current and innovative technology and any additional resources needed to provide a technology infused environment
Budget for this objective: $200,000.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER01 ER02
NCLB Correlates: 01 02 03 04a 04b 07 08 12

Strategy 1.5.1: Develop a plan and implement a Computer for Kids program that will place surplused computers in the homes of DISD students
State: Original
Status: Planned
Timeline: 2007-2010
Person(s) Responsible: TIO and Director of Instructional Technology
Evidence: Applications, Placement lists and support logs
Comments: No budget impact for this strategy. Equipment slated to disposal will be placed out with students through an appliation process.
LRPT Correlates: I01, I03, I04, TL09, TL15

Strategy 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
State: Original
Status: In Progress
Timeline: 2007-2010
Person(s) Responsible: TIO and Director of Instructional Technology
Evidence: Purchase orders, Inventory lists, Bi-yearly distance learning reports
Comments: Use of Bond funds to purchase DL equipment for new schools
LRPT Correlates: EP01, EP03, EP04, EP06, EP08, I01, I02, I06, I09, LAS05, LAS07, LAS15, TL08, TL09, TL10, TL11, TL12, TL13

Strategy 1.5.3: Plan and implement a Technology Application Assessment for grades 2, 5, and 8
State: Original

Status: Planned
Timeline: 2007-2008
Person(s) Responsible: Director of Instructional Technology and Instructional Technology Staff
Evidence: Assessment model and results
Comments: No impact to budget
LRPT Correlates: EP05, I09, LAS05, TL01, TL03, TL04, TL06

Strategy 1.5.4: Students will have an increased opportunity to participate in distance learning courses.
State: Original
Status: Planned
Timeline: 2007-2008
Person(s) Responsible: Director of Instructional Technology
Evidence: Use of budget for courses offered and bi-yearly DL reports
Comments:
LRPT Correlates: EP08, TL09, TL12, TL13

Strategy 1.5.5: Students will have the opportunity to participate in low enrollment courses, enhancement programs and dual credit via distance learning
State: Original
Status: Planned
Timeline: 2007-2008
Person(s) Responsible: TIO, Curriculum Department, Counseling Services, Director of Instructional Technology
Evidence: Course Guide, Transcripts and Bi-yearly DL reports
Comments:
LRPT Correlates: I02, TL09, TL12, TL13

Objective 1.6: All K-12 teachers and DISD parents will have equal access to online gradebook, attendance and standardized report cards.
Budget for this objective: $150,000.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01
NCLB Correlates: 09 12

Strategy 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.
State: Original
Status: In Progress
Timeline: 2007-2009
Person(s) Responsible: Executive Director of Curriculum, Director of Instructional Technology, and Director of Data Processing
Evidence: Standardized gradebook program in elementary, parent access to gradebook and standardized report cards.
Comments:
LRPT Correlates: EP03, EP08, I01, I08, I09, LAS09, LAS11

Objective 1.7: Students will be able to obtain speciality certifications in information technology, TV and Radio
Budget for this objective: $0.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER01
NCLB Correlates: 01 02 03 05 06 08 11 12

Strategy 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
State: Original
Status: In Progress
Timeline: 2007-2010
Person(s) Responsible: Director of CATE and Curriculum Department
Evidence: PIEMS data, course guide and completion of certifications
Comments:
LRPT Correlates: I01, I09, LAS05, TL02, TL09, TL12, TL13, TL15, TL16

Objective 1.8: The district will award best practices and provide incentives for teachers integrating technology
Budget for this objective: $90,000.00
LRPT Category: Educator Preparation and Development
E-Rate Correlates: ER01 ER02
NCLB Correlates: 01 02 03 04a 04b 06 12

Strategy 1.8.1: The district will award teachers through incentives in professional development and provide incentives through the TASK program.
State: Original
Status: Planned
Timeline: 2007-2008
Person(s) Responsible: Director of Instructional Technology, all instructional technology staff, Principals and librarians.
Evidence: published list of award winners and inventory of incentives
Comments: TASK - Technology Accelerating Student Knowledge
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 for this objective: $63,000.00
LRPT Category: Educator Preparation and Development
E-Rate Correlates: ER02
NCLB Correlates: 01 03 04a 04b 07 08 11 12

Strategy 2.1.1: Every secondary campus will employ one CTS per campus and every elementary will employ 1 CTS for every four campuses to provide support and standardized training in the context of technology integration.
State: Original
Status: Planned
Timeline: 2007-2008
Person(s) Responsible: Principal, School Board, Personnel Dept., TIO, Director of Instructional Technology
Evidence: CTS at every secondary school and district level CTS employed at a ratio of 1:4 at the elementary level
Comments:
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

Strategy 2.1.2: Integrate technology into the district staff development process that are documented via teacher evaluations.
State: Original
Status: Planned
Timeline: 2005 - 2006
Person(s) Responsible: Curriculum & Staff Development Dept., Dir. of Instructional Tech., TIO
Evidence: Agendas reflecting inclusion and utilization of technology
Comments:
LRPT Correlates: EP01, EP03, EP04, EP05, EP07, LAS12, TL01, TL04, TL06, TL07, TL10

Strategy 2.1.3: The district will offer a variety of delivery methods for on-going training (Online, CBT, distance education, face-to-face…).
State: Original
Status: Planned
Timeline: 2008-2010
Person(s) Responsible: Dir. of Inst. Tech., TIO
Evidence: Workshop schedules, availability of online training
Comments:
LRPT Correlates: EP01, EP04, EP06, EP08, TL08

Strategy 2.1.4: The district will incorporate one day of district professional development dedicated to technology.
State: Original
Status: Planned
Timeline: 2008-2009
Person(s) Responsible: Superintendent, Executive Director of Curriculum, TIO and Director of Instructional Technology
Evidence: One district technology professional development built into district calendar.
Comments:
LRPT Correlates: EP01, LAS03

Objective 2.2: The district will provide training to develop a cadre of teachers who will become digital mentor/leader at their campuses.
Budget for this objective: $30,000.00
LRPT Category: Educator Preparation and Development
E-Rate Correlates: ER02
NCLB Correlates: 01 02 03 04a 04b 07 08 11 12

Strategy 2.2.1: Every campus will identify a digital leader for their campus and will be provided with the resources and training needed to mentor other campus staff
State: Original
Status: Planned
Timeline: 2007-2008
Person(s) Responsible: TIO, Director of Instructional Technology and Principals
Evidence: Mentor teacher are identified, trained and providing technology leadership on campus.
Comments:
LRPT Correlates: EP08, EP09, LAS07, LAS10, TL05, TL06, TL09, TL15

Objective 2.3: The district will provide standardized technology support and training sufficient to allow librarians to fulfill their role as information specialists.
Budget for this objective: $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

Strategy 2.3.1: 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.
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: Library / Media Services Coordinator, Curriculum & Staff Dev. Dept.
Evidence: Staff Dev sessions are arranged and delivered.
Comments:
LRPT Correlates: EP03, EP04, EP06, EP07, EP08, EP09, LAS01, LAS02, LAS03, LAS05, LAS09, LAS10, LAS13, TL05, TL06, TL08, TL09, TL10, TL11

Objective 2.4: The district will provide opportunities for teachers and staff to network with peers and colleagues to learn new ideas.
Budget for this objective: $18,000.00
LRPT Category: Educator Preparation and Development
E-Rate Correlates: ER02
NCLB Correlates: 01 02 04a 04b 06 07 08 11 12

Strategy 2.4.1: Attend state and national conferences focusing on educational technology.
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: Dir. of Inst. Tech., TIO
Evidence: Teachers & Librarians attend state and national conferences.
Comments:
LRPT Correlates: EP06, EP07, LAS06

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 for this objective: $0.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01
NCLB Correlates: 03 06 09 10 12

Strategy 3.1.1: Expand online resources that include a method for parents to obtain secure information throughout the community.
State: Original
Status: Completed
Timeline: 2005 - 2007
Person(s) Responsible: TIO, Dir. of Data Processing
Evidence: Parental access is available.
Comments:
LRPT Correlates: I01, I02, I03, I05, I06, I08, I09, LAS09, LAS11, LAS14

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 for this objective: $0.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01
NCLB Correlates: 03 05 06 09 10

Strategy 3.2.1: Explore logistics of opening computer labs to community after-hours.
State: Original
Status: Planned
Timeline: 2004
Person(s) Responsible: TIO, Principals
Evidence: Community access is available
Comments:
LRPT Correlates: EP09, I03, I09, LAS09, LAS10, TL05, TL09, TL10

Objective 3.3: Increase cooperation between city, university, and Denton ISD school libraries.
Budget for this objective: $0.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01
NCLB Correlates: 03 06 09 10 12

Strategy 3.3.1: Create a method to link city, university and public school libraries to share online catalogs and resources.
State: Original
Status: Planned
Timeline: 2004 - 2007
Person(s) Responsible: TIO, Library / Media Services Coordinator
Evidence: Online resources are available.
Comments:
LRPT Correlates: I02, I03, I05, I08, I09, LAS07, LAS09, LAS13, LAS14, TL05, TL09, TL10, TL11, TL16

Strategy 3.3.2: Continue to work cooperatively with Continuing Education department (Adult Literacy provider) to support efforts to reach out to the community by providing instructors and facilities for adult literacy training.
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: Director of Adult and Community Education, TIO
Evidence: Adult Litercy courses continue to be offered.
Comments:
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 for this objective: $2,000,000.00
LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01
NCLB Correlates: 01 02 03 05 06 12

Strategy 4.1.1: Purchase additional equipment for each campus to insure equity and acheive the state recommended 1:1 ratio.
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: TIO, Curriculum Dept.
Evidence: Each campus has equal opportunity for students and teachers.
Comments:
LRPT Correlates: I01, I04, I06, I09

Strategy 4.1.2: Plan and budget for replacement of obsolete and irreparable equipment utilizing a 4-year replacement schedule.
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: TIO, Repair Manager
Evidence: 80% of all computers are no more than 4 years old.
Comments:
LRPT Correlates: I01, I04, I05, I06, LAS01, LAS02

Strategy 4.1.3: Plan, budget, and set up new mobile laptop computer labs so that there is at least one on each campus.
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: TIO, Dir of Inst. Tech., Repair supervisor
Evidence: Each campus has a mobile laptop lab
Comments:
LRPT Correlates: I04, I05, I06, LAS01, LAS02, TL13

Strategy 4.1.4: Plan and budget for PDAs or comparable technology for staff to use for increased communication and productivity.
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: TIO, Curriculum Dept.
Evidence: Each professional has access to a PDA.
Comments:
LRPT Correlates: I04, I05, I09, LAS02, LAS08

Strategy 4.1.5: Continue to investigate, plan, and implement wireless technology on all campuses.
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: TIO, Dir. of Network Services
Evidence: Wireless network established on each campus.
Comments:
LRPT Correlates: I01, I02, I04, I05, I06, I07

Objective 4.2: Standardize curriculum and administrative PC software in use by the school district.
Budget for this objective: $1,600,000.00

LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01 ER02
NCLB Correlates: 01 04a 04b 05 06 07 11 12

Strategy 4.2.1: Determine which productivity software is needed on all ISD computers as the base image.
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: TIO, Curriculum Dept., Dir. of Inst. Tech., CTS
Evidence: Published list of software standards
Comments:
LRPT Correlates: EP03, TL06, TL09

Strategy 4.2.2: Determine which software is needed on each grade level/subject area as determined by the needs of the curriculum.
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: Curriculum Dept.
Evidence: Published list of software standards
Comments: The budget for this objective is funded through current bond funds.
LRPT Correlates: EP07, TL06, TL09

Strategy 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.
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: TIO, Dir. of Network Services, Curriculum Dept.
Evidence: Zen policies in place to regulate software installation
Comments:
LRPT Correlates: EP03, I07, I09

Objective 4.3: Provide the necessary building space, equipment, and support structure to maintain and expand the Denton ISD infrastructure.
Budget for this objective: $0.00
LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01
NCLB Correlates: 03 06

Strategy 4.3.1: Expand the current Technology Center / Admin complex to adequately support the infrastructure.
State: Original
Status: Planned
Timeline: 2004 - 2006
Person(s) Responsible: TIO, Superintendent
Evidence: Tech Center is expanded and upgraded.
Comments: This strategy is funded through current bond funds.
LRPT Correlates: I02, I03, TL04, TL15

Objective 4.4: Staff and students will have access to necessary files as needed.
Budget for this objective: $0.00
LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01
NCLB Correlates: 03 05

Strategy 4.4.1: Increase the storage capacity for files to meet additional uses as more staff and students require more media access.
State: Original
Status: Completed
Timeline: 2004 - 2007

Person(s) Responsible: Dir. of Network Services, TIO
Evidence: SAN is increased to keep pace.
Comments:
LRPT Correlates: EP05, I01, I04, I05, I06, I07, I09, LAS08

Strategy 4.4.2: Creation of meta-data repository utilizing various universal elements (i.e. names, addresses, asset tags, etc.).
State: Original
Status: In Progress
Timeline: 2005 - 2007
Person(s) Responsible: School Board, Supt., All Dept. Heads.
Evidence: School records accessible as desired.
Comments:
LRPT Correlates: EP04, EP05, I01, I09, LAS08

Objective 4.5: Provide necessary equipment and connectivity for intra- and inter-campus communications.
Budget for this objective: $451,475.00
LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01
NCLB Correlates: 03 05 06

Strategy 4.5.1: Fully expand IP telephones to their maximum capability and pilot wireless telephony in conjunction with 5.1.5.
State: Original
Status: Planned
Timeline: 2005 - 2007
Person(s) Responsible: Dir. of Network Services, TIO
Evidence: Wireless IP phones for staff.
Comments: This objective is funded through current bond funds, E-Rate funds and local funds.
LRPT Correlates: I01, I02, I05, I08, TL08

Strategy 4.5.2: Continue to provide network services* to every classroom and administrative complex.
State: Original
Status: Completed
Timeline: 2005 - 2007
Person(s) Responsible: Dir. of Network Services, TIO
Evidence: Phone and Internet access at all locations.
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
LRPT Correlates: I01, I02, I03, I05, I07, I08, I09, LAS05, TL04, TL08

Objective 4.6: Develop and implement a district-wide disaster recovery system.
Budget for this objective: $0.00
LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01
NCLB Correlates: 03 05

Strategy 4.6.1: Create a written plan for a downed system, including replacement equipment if needed, backup retrieval and data restoration.
State: Original
Status: In Progress
Timeline: 2005 - 2006
Person(s) Responsible: Dir. of Network Services, TIO
Evidence: Plan is published on intranet / Web.
Comments:
LRPT Correlates: I07, LAS02

Strategy 4.6.2: Teachers and staff plan for system failure in the form of alternate lesson plans, alternate presentations methods, alternate communication methods, etc.
State: Original
Status: In Progress

Timeline: 2005 - 2007
Person(s) Responsible: Teachers, Principals
Evidence: Alternate plans are recorded in lesson plan books.
Comments:
LRPT Correlates: EP01, LAS02, TL05

BUDGET
Total amount of Title II, Part D formula funds received for the current year of this plan: $26,843.00

Method of application for formula funds: Local Application

Budget for year 2007
- Telecom cost: $306,846.00
- Telecom source: 8% Remaining 2004 Bond
92% Local
- Materials cost: $204,627.00
- Materials source: 3% Title 2 Part D
2% Local
95% Tech Allotment
- Equipment cost: $1,267,454.00
- Equipment source: 1% Local
25% Tech Allotment
72% Remaining 2004 Bond
- Maintenance cost: $162,200.00
- Maintenance source: 100% Local
- Staff development cost: $64,551.00
- Staff development source: 8% Local
32% Title 2 Part D
60% Tech Allotment
- Miscellaneous cost: $6,000.00
- Miscellaneous source: 100% Local
- Total: $2,011,678.00

Budget for year 2008
- Telecom cost: $306,846.00
- Telecom source: 100% Local
- Materials cost: $204,627.00
- Materials source: 3% Title 2 Part D
2% Local
95% Tech Allotment
- Equipment cost: $771,454.00
- Equipment source: 1% Local
42% Tech Allotment
57% Remaining 2004 Bond
- Maintenance cost: $162,200.00
- Maintenance source: 100% Local
- Staff development cost: $64,551.00
- Staff development source: 8% Local
32% Title 2 Part D
60% Tech Allotment
- Miscellaneous cost: $6,000.00
- Miscellaneous source: 100% Local
- Total: 1,515,678.00

Budget for year 2009
- Telecom cost: $306,846.00
- Telecom source: 100% Local
- Materials cost: $204,627.00
- Materials source: 3% Title 2 Part D
2% Local

95% Tech Allotment
- Equipment cost: $330,895.00
- Equipment source: 1% Local
42% Tech Allotment
- Maintenance cost: $162,200.00
- Maintenance source: 100% Local
- Staff development cost: $64,551.00
- Staff development source: 8% Local
32% Title 2 Part D
60% Tech Allotment
- Miscellaneous cost: $6,000.00
- Miscellaneous source: 100% Local
- Total: 1,075,119.00

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 instruments for professional development which assess teacher competency and student performance are being created as an essential component of the professional development plan for technology. These are based upon national standards published by the International Society for Technology in Education (ISTE) as well as the TEKS. Indicators for equipment acquisition will be reflected in the continual assessment of student-to-workstation and teacher-to-workstation ratios. Programmatic indictors will be reflected in student curricular offerings. Support indicators will be reflected in the summative evaluation outlined in the district improvement plan, specifically the filling of proposed personnel positions.

Evaluation of integrating technology into the curriculum is an essential component of the professional development plan. Each participating teacher will submit examples of student work that will be assessed by a rubric indicating mastery of a particular competency. 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. 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 PRIDE (similar to 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 (2007)