
PREPARING TODAY'S STUDENTS FOR TOMORROW'S CHALLENGES

FIVE YEAR TECHNOLOGY PLAN
2007–2010

Deer Park Independent School District

203 Ivy Street
Deer Park, Texas 77536
(832) 688-7000
<http://www.dpsid.org>



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Technology Committee

Edwin Bealle..... Parent, Deer Park High School South
Grover Belcher..... Community Member
Anne Berridge..... Teacher, Deer Park High School North
Celeste Bryant..... Teacher, San Jacinto Elementary
Marla Chandler..... Parent, Bonnette Junior High School
Sara Chapman..... Teacher, Deer Park Junior High School
Donna Collom..... Principal, Dabbs Elementary School
Kelly Grigg..... Teacher, Deepwater Elementary School
Stephen Harrell..... Principal, Deepwater Junior High School
Denise Haynes..... Teacher, Deer Park High School South
Audie Johnson..... Teacher, Deer Park High School South
Ronda Kouba..... Principal, Deer Park High School South
Bunny Knotts..... Teacher, Wolters Accelerated High School
Derrick Parker..... Programmer, Technology
Ryan Petru..... Director, Network Systems
Sue Pike..... Director, Information Services
Kari Rhame..... Chief Technology Officer, Technology
Melanie Smith..... Teacher, Fairmont Elementary School
Mike Switzer..... Assistant Superintendent, Instruction
Joel Whitaker..... Teacher, Fairmont Junior High School
Harry Williams..... Teacher, Deer Park High School North

Deer Park Independent School District

Mission Statement

The mission of the Deer Park Independent School District is to maximize educational opportunities for all students so they may perform at their highest potentials and be successful in meeting the challenges of the future. In doing so, our district will excel in fulfilling the expectations of our stakeholders-students, parents, staff, and taxpayers.

Philosophy of Technology in Learning

In support of the state initiative for technology, the President's Technology Challenge, the Texas Essential Knowledge and Skills for Technology Applications, and the Deer Park Independent School District mission, technology integration into educational opportunities will be guided within the district by the following philosophy:

- The school should reflect the workplace and prepare students for technology challenges they will face in both the present and the future.
- Efficient learning requires skillful use of technology to process and manage information.
- Access to information, enhanced by skillful use of technology, is a basis of lifelong learning.
- Networking systems enhance efficient and effective communication within and outside the district.
- Technology allows teachers to better serve the diversity of learning styles of students.
- Using technology helps develop students' processing skills essential to success in a rapidly changing information age.

Executive Summary

Much gain has been made in providing technology tools, electronic access and technological resources to assist Deer Park staff members and students in maximizing educational opportunities during the past ten years. The previous technology plans for Deer Park Independent School District spanning from 1998 – 2006 focused on acquiring and implementing technology systems for data, voice, and video. The enclosed technology plan which sets goals and strategies for 2007 - 2010 places emphasis on maintaining and maximizing the systems in place through regular hardware/software replacement as deemed necessary, adding wireless capability, continuous professional development and strong curricula with seamless technology integration.

Needs Assessment

Assessment Process:

To analyze the current status of technology in the district and to identify future needs, a comprehensive needs assessment was conducted over 4 years ago. Tools and methods to conduct this assessment include the Texas Campus STaR Chart, Levels of Technology Implementation (LOTI) instrument, WAN/LAN assessment tools, online surveys, inventory counts, community and staff interviews, and vision focus group meetings. This assessment focused on the current WAN/LAN infrastructure, current hardware and software, existing and needed process application systems, instructional programs, PK-12 curriculum, student technology skill levels, student assessment and achievement, staff development, technology resource, technology support, and technology management.

Existing Conditions:

Infrastructure: The Deer Park ISD Infrastructure was reconstructed from the fall of 1999 to spring of 2002. The WAN provides 24 strand fiber from each campus and administrative/service site to the Technology Building to support a gigabyte backbone. Four muxed T1 lines connect the Technology Building to the district's ISP for Internet connectivity which is distributed across multiple strands of the fiber to each site. All district servers are housed in a secure server room at the Technology Building. The network operating system is primarily Novell 7.0 with additional application servers which run Windows NT, Windows 2003, ColdFusion, Linux, and SQL. The primary storage terabyte servers run SANS. The network gear throughout the district in the site MDF and IDF rooms are Nortel switches providing 100mb to each desktop through the newly installed ports.

Hardware Standards: All computers in DPISD contain Intel processors – Pentium III or greater with at least 256 mg RAM, 20 Gb hard drives, CD ROM drives, 15 inch or greater monitors. The standard software load is Windows 2000 and Office 2000.

Classrooms: During the infrastructure reconstruction each classroom was retrofitted with 9 data ports and electrical outlets, an analog video connection and a voice port. One drop connects the Pentium IV teacher workstation that was upgraded the summer of 2004 school year. The workstation is connected to a mounted television for analog and digital video as well as computer display. In approximately 70% of the classrooms are 5 student computers with network printing and Internet connections. In 10% of the rooms which are secondary Science classrooms, three laptop computers with Pasco probeware provide students with technology access. These student computers were awarded to teachers who completed the Intel Teach to the Future program.

Labs: Each elementary has one computer lab with 31 Pentium III computers which will be upgraded to Pentium IV summer 2007 for addressing the Technology Application TEKS. Eight Pentium IV computers with Pasco probeware are installed and used by students in each elementary campus' Science lab. Each junior high school has three computer labs with Pentium IV computers for addressing the Technology Application TEKS, Technology Education course and for Technology Integration. The ninth grade campus has six computer labs with Pentium III or greater used for Business Technology courses, Technology Applications courses, a Technology Education course, and for Technology Integration use. The tenth-twelfth grade campus has fifteen computer labs for Business Technology courses, Technology Applications courses, Career and Technology courses, and for Technology Integration use. The alternative campus has 2 computer labs for Business and Technology Applications courses.

Libraries: Each library meets the acceptable technology library standards with Pentium III and IV computers comparable to its enrollment. The computers will be upgraded to Pentium IV summer of 2007. All computers have access to the Internet and online databases.

Wireless Connectivity: Wireless capability is available at several administrative sites and five secondary campuses. The junior high campuses and the high school campus have 2 mobile laptop carts for classroom use. The accelerated high school has one mobile laptop cart for classroom use.

Video Conferencing: Video-conferencing systems are available at all secondary campuses. However, they are under-utilized.

Voice Systems: Analog telephones are in each classroom providing teacher access for parent communication. Dedicated telephones are available in each office work area.

Video Capability: Selective analog cable television channels are distributed through the DPISD video network. Each campus also has the capability to provide live television feed across the district through a mobile video cart. Playing VCR and DVD media through a campus channel is also available. Each campus also has the capability of displaying digital announcements through Media Xtreme channels. Video streaming capabilities are accessed using VBrick hardware.

Instructional Systems: The DPISD library utilizes several systems for student access including InfoCentre for material cataloging, Worldbook Online, and the databases provided through the Gale Group services. Digital curriculum resources are available to each teacher in the district. Other instructional systems include EasyTech at the elementary and junior high campuses for Technology Applications, Read 180 and PLATO at the 9-12 grade campus, Accelerated Reader, and many various campus-based and purchased applications.

Administrative Database Systems: The student accounting system is SASIxp integrated with Classxp for attendance and IGPro for grade reporting. ADM and Triand are currently used to monitor student achievement. SEAS is the special education accounting system for tracking and monitoring instructional plans for special needs students. CIMMS is the financial accounting system. Kronos is the employee time collection system. Linsec is the security camera system at each site. Raptor is the visitor security system at each site.

Staff Development: Staff Development is provided at the campus level and the district level by instructional technology staff members based on an annual needs assessment. Ninety percent of the DPISD staff is now proficient in basic hardware and software use. Seventy-five percent of the teachers completed the Intel Teach to the Future program. Currently ninety percent of the staff development provided focuses on the integration of technology for student success. The remaining ten percent of the instruction is remediation skill training or introduction of new applications.

Website: The district website is maintained by a webmaster with input from different departments within the district. Much of the information on the website is static. The employee portal contains a staff development registration, a teacher appraisal system, a soon-to-be implemented curriculum management system and a soon-to-be implemented benchmark system.

Distance Learning: DPISD is part of the Region 4 Distance Learning group. Health is offered online for students in grades 9 - 12. PLATO is provided to high school students for credit recovery.

Technology Applications Instruction: Technology Applications instruction is provided at all levels. At the elementary level, direct instruction is provided in a lab setting with a dedicated teacher but follow-up occurs in the classrooms. At the secondary level, direct instruction is provided for sixth graders on all campuses while instruction is provided through integration for seventh and eighth graders. At the ninth grade campus and the alternative campus, two courses are offered which provide a TA credit. At the tenth through twelfth grade campus, all TA courses are offered.

Personnel: Technology Support is provided at the district and campus level through the three divisions of the Department of Technology – Information Services, Instructional Technology and Network Systems. For a complete listing of personnel, see the appendix.

Technology Building: Besides housing the Technology Department personnel, the DPISD Technology Building is the head end for technology services. It houses the equipment and servers to distribute data, voice and video to all sites. The building also has two staff development rooms equipped with wireless connectivity for the mobile workstations used in training personnel.

Technology Needs:

Technology needs include the following:

- Upgrades to machines five years or greater
- Wireless connectivity and mobile computing devices for anytime access
- Additional servers for future applications systems

Application System needs include the following:

- Interactive Curriculum Management System
- Online Student Information for Parents
- Online Staff Development
- Expanded Distance Learning Offerings
- Online Benchmark Test Management (plans to implement Fall 2007)

Issues Identified:

- Assessment of Teacher and Student Technology Skill Level (TA Benchmarks)
- Identified Distance Learning resources (equipment is extremely under-utilized)
- Expand all curriculum to include technology integration component
- More specialized staff development for efficient technology integration into all curriculum

21st CENTURY TECHNOLOGY AND “NO CHILD LEFT BEHIND”

The *No Child Left Behind Act of 2001* is a commitment to focus on students, equip teachers, empower parents, and inform decision makers to ensure every child receives a quality education. In an effort to improve student achievement through the use of technology, U.S. Secretary of Education Rod Paige established a new Enhancing Education Through Technology initiative. Its goals are to:

- Improve student achievement through the use of technology in elementary and secondary schools.
- Assist students to become technologically literate by the time they finish eighth grade.
- Ensure that teachers are able to integrate technology into the curriculum to improve student achievement.

STATE INITIATIVES

TEXAS HOUSE BILL 2128

House Bill 2128, Section 3.606 created the Telecommunications Infrastructure Fund. Deriving revenue through the Telecommunications Utilities Account and the Commercial Mobil Service Providers Account, the fund was structured to award \$150 million in grants and loans for each of the next 10 years to public schools, colleges, libraries, and telemedicine centers for:

- Computer equipment, wiring, and infrastructure needed for distance learning and information sharing,
- Developing and delivering courses and materials by distance,
- Training teachers, faculty, librarians, or technicians.

The expansion of the Internet and coordination of telecommunications planning among public education, higher education, libraries, and medicine are priorities of House Bill 2128 and need to be considered in any local district technology plan. At this time, the future of this funding source is questionable.

TEXAS ESSENTIAL KNOWLEDGE AND SKILLS (TEKS)

Within the TEKS, Technology Applications is the curricular area that includes the teaching and learning of technology skills and the use of computers and other related electronic tools. This area focuses on the creating, accessing, manipulating, utilizing, communicating, and publishing of information during the learning process.

Key aspects of the emphases of this application include:

- Understanding of technology foundations, including technology-related terms, hardware and software concepts, and data input strategies.
- Evaluating and using techniques to promote the efficient acquisition of information.
- Understanding how technology supports the work of individuals and groups in problem solving.

- Communicating information in a wide variety of formats and through different electronic media to diverse audiences.

Benchmarks to determine student proficiency have been established at each level. Integration of these performance measures will be essential to all curriculum development.

TEXAS EDUCATION AGENCY'S LONG RANGE PLAN FOR TECHNOLOGY 1996-2010

Since the initial plan for technology was created by the state in 1988, many changes have occurred to create the need to update important portions of that plan. Besides the great strides in technology itself, business and industry have increased their expectations of technology skills for entry-level employees, state plans have emphasized greater proficiency by students in technology [e.g., keyboarding skills], and communities are recognizing the opportunities to “plug in” to school district systems to avail themselves of information.

The Texas Education Agency has updated the original plan for technology to reflect these changes and has recommended goals for 1996-2010 as reported to the 75th Texas Legislature by the State Board of Education. These goals focus on four areas:

- Teaching and learning,
- Educator preparation and development,
- Administration and support services,
- Infrastructure for technology.

In the short-term, some of the key State goals include:

- Developing strategies to meet performance descriptions for students in the TEKS and establishing technology proficiencies for educators,
- Increasing academic performance across the curriculum through technology,
- Integrating ongoing planning for technology into all classroom, campus, district, and community planning,
- Using distance learning and distributed learning for expanding curricular offerings and meeting the needs of homebound and other students,
- Identifying and communicating best technology practices to the community.

Long-term goals focus on incorporating technology into the assessment of student performance through the Texas Essential Knowledge Skills (TEKS). Additional, goals focus on using distance learning, methods of providing information to parents, and providing parents and other community members access to the infrastructure for educational resources.

STATE BOARD FOR EDUCATOR CERTIFICATION: STANDARDS FOR ALL TEACHERS

Standard I. All teachers use technology-related terms, concepts, data input strategies, and ethical practices to make informed decisions about current technologies and their applications.

Standard II. All teachers identify task requirements, apply search strategies, and use current technology to efficiently acquire, analyze, and evaluate a variety of electronic information.

Standard III. All teachers use task-appropriate tools to synthesize knowledge, create and modify solutions, and evaluate results in a way that supports the work of individuals and groups in problem-solving situations.

Standard IV. All teachers communicate information in different formats and for diverse audiences.

Standard V. All teachers know how to plan, organize, deliver, and evaluate instruction for all students that incorporates the effective use of current technology for teaching and integrating the Technology Applications Texas Essential Knowledge and Skills (TEKS) into the curriculum.

**TEXAS SCHOOL TECHNOLOGY AND READINESS (StaR) CHART:
A TOOL FOR PLANNING AND ACCESSING SCHOOL TECHNOLOGY AND READINESS**

The **Texas STaR Chart** (see Appendix A), patterned after the *CEO Forum's STaR Chart*, has been developed around the four key areas of the *Long-Range Plan for Technology*: Teaching and Learning, Educator Preparation and Development, Administration and Support Services, and Infrastructure for Technology. The **Texas STaR Chart** was designed to help campuses and districts determine their progress toward meeting the goals of the *Long Range Plan for Technology*, as well as meeting the goals of their district. The **Texas STaR Chart** also assists in the measurement of the impact of state and local efforts to improve student learning through the use of technology.

In the fall of 2001, the Texas StaR Chart was completed online to access the school district's School Technology and Readiness. In the fall of 2002, it was updated to reflect current progress in each area. For explanation of each category, see Appendix A.

Key Area I: Teaching and Learning

- (A) Teacher Role and Collaborative Learning
- (B) Patterns of Teacher Use
- (C) Frequency/Design of Instruction
- (D) Curriculum Areas
- (E) Technology Applications TEKS
- (F) Patterns of Student Use

Developing Tech

- Developing Tech
- Developing Tech
- Developing Tech
- Developing Tech
- Advanced Tech
- Developing Tech

Key Area II: Educator Preparation and Development

- (A) Content of Learning
- (B) Capabilities of Educators
- (C) Leadership Capabilities of Administrators
- (D) Models of Professional Development
- (E) Understanding and Patterns of Use
- (F) Technology Budget

Advanced Tech

- Developing Tech
- Advanced Tech
- Advanced Tech
- Advanced Tech
- Developing Tech
- Advanced Tech

Key Area III: Administration and Support Services

- (A) Vision and Planning
- (B) Technical Support
- (C) Instruction and Administrative Staffing
- (D) Budget
- (E) Funding

- Advanced Tech**
- Target Tech
 - Developing Tech
 - Advanced Tech
 - Advanced Tech
 - Target Tech

Key Area IV: Infrastructure for Technology

- (A) Students per Computer
- (B) Internet Access Connectivity/Speed
- (C) Distance Learning
- (D) LAN/WAN
- (E) Other Technologies

- Developing Tech**
- Early Tech
 - Advanced Tech
 - Early Tech
 - Developing Tech
 - Target Tech

Based on the above assessment results the following goals and objectives were developed.

Goals and Objectives for the 2007 - 2010 Technology Plan

Goal 1: Teaching and Learning. Increase student learning and achievement through the seamless integration of technology into instruction in learning and teaching across the curriculum.

Objectives

1. Patterns of Classroom Use. Promote student-led learning environments where technology is seamlessly integrated.
2. Frequency/Design of Instructional Setting Using Digital Content. Provide students with access to all appropriate technologies for anytime/anywhere learning.
3. Content Area Connections. Seamlessly apply technology across all subject areas.
4. Technology Applications TEKS Implementation. Technology Application TEKS are integrated at the K-8 level and TA classes are offered at the 9-12 level.
5. Student Mastery of Technology Applications TEKS. Promote the 100% mastery of the Technology Applications TEKS.
6. Online learning. Provide opportunities for online learning.

Goal 2: Educator Preparation and Development. Provide district-wide staff development programs to ensure effective use of emerging technologies with emphasis on instructional programs.

Objectives

1. Content of Professional Development. Focus content of technology training on creation and communication of new technology-supported, learner-centered projects.
2. Models of Professional Development. Provide professional development that is collaborative, interactive and customized.
3. Capabilities of Educators. Implement the State Board of Education Certification proficiencies for all educators.
4. Access to Professional Development. Provide technology professional development for all teachers and staff members.
5. Levels of Understanding and Patterns of Use. Provide technology professional development through a variety of delivery systems.
6. Professional Development for Online Learning. Provide professional development to promote online teaching.

Goal 3: Leadership, Administration, and Instructional Support. Support the district-wide technology implementation and use through campus level planning, adequate staff and appropriate budgeting.

Objectives

1. Leadership and Vision. Promote a shared vision with policies that encourage continuous innovation with technology.
2. Planning. Ensure that district and campus planning provides for a plan that is collaborative, technology-rich and grounded in research.
3. Instructional Support. Facilitate and support use of technology.
4. Communication and Collaboration. Use a variety to communicate, interact, and collaborate with all education stakeholders.
5. Budget. Budget and seek funding through state initiatives, technology allotments, grants, E-rate discounts, bond funds, business partnerships, donations, foundations and local funding to advance implementation of technology.
6. Leadership and Support for Online Learning. Facilitate and support online learning for all levels.

Goal 4: Infrastructure for Technology. Support integration of technology into instruction by providing and maintaining adequate network connectivity, hardware and software.

Objectives

1. Students per Computer. Maintain a ratio of Internet-connected multimedia computer to student of one to one with on-demand access.
2. Internet Access Connectivity/Speed. Provide easy access Internet with adequate bandwidth and current speed for students and teachers.
3. Other Classroom Technology. Provide fully equipped classrooms with technology to enhance student instruction.
4. Technical Support. Provide technical staff to support technology across the district.
5. LAN/WAN. Provide a robust WAN network infrastructure to support the interconnection of the district classrooms for data, voice and video telecommunications.
6. Distance Learning. Provide distance learning opportunities through web-based, satellite-based, and two-way video at all campuses.

ACTION PLANS

Goal 1: Teaching and Learning. Increase student learning and achievement through the seamless integration of technology into instruction in learning and teaching across the curriculum.

Objective 1: Patterns of Classroom Use. Promote student-led learning environments where technology is seamlessly integrated.

Budget Amount \$30,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Assess the use of technology in the classrooms using the Texas Campus and Teacher STaR Chart.	State: Revised Status: In Progress	Fall 2006 - Spring 2010	Chief Technology Officer	Assessment is completed, data is shared and staff development is planned based on the results annually.
Identify and highlight teachers that demonstrate best practices using technology within the district.	State: Revised Status: In Progress	Ongoing Fall 2006 – Spring 2010	Instructional Technology Staff	Teachers are recognized and best teaching practices utilizing technology are identified. Teachers serve as mentors by modeling good practices. Incentives are provided.
Provide opportunities for Instructional Technologists and master teachers to demonstrate and model effective integration of technology into the classrooms through face-to-face events and distance learning.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Instructional Technology Staff	Classroom teachers demonstrate current use of technology integration.

ACTION PLANS

Goal 1, Objective 1 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Solicit area business and college personnel who are experts in technology use to serve as class speakers and to mentor students in project development.	State: Revised Status: Planned	Fall 2007 – Spring 2010	Instructional Technology Staff; CTE Director	Community members are located and participate in working with students in Technology classes.
Using the Deer Park teacher appraisal tool, administrators evaluate the use of technology and technology integration in a teacher’s classroom.	State: Revised Status: In Progress	Spring 2007 – 2010	Campus Administrators	Documentation is entered in School Objects.

ACTION PLANS

Goal 1: Teaching and Learning. Increase student learning and achievement through the seamless integration of technology into instruction in learning and teaching across the curriculum.

Objective 2: Frequency/Design of Instructional Setting Using Digital Content. Provide students with access to all appropriate technologies for anytime/anywhere learning.

Budget Amount \$300,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Support and upgrade the standard software loads and online applications by curricular areas and levels as driven by curricular needs and standards.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Instructional Curricular Committees; Department of Technology Staff	Standard software loads are reviewed and updated as needed.
Provide and support analog and digital instructional video via a district video network.	State: Revised Status: In Progress	Fall 2006 –Spring 2010	Department of Technology Staff	Instructional video programming is reviewed and provided.
Provide access to district supported instructional electronic database resources (i.e. World Book, Gale Group, United Streaming) through the libraries and in all classrooms and labs. Provide home access to these resources through the district web.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Librarians; Department of Technology Staff	Increased use of online resources by school community in classrooms, libraries and homes.

ACTION PLANS

Goal 1, Objective 2 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide and support the use of adaptive and assistance devices for student use.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Special Education Department; Department of Technology Staff	Devices used appropriately and student success is documented.
Investigate available technologies to determine appropriateness for student learning needs and establish pilot studies to examine effectiveness.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Instructional Technology Staff	Findings are reported and initiate new plans.

ACTION PLANS

Goal 1: Teaching and Learning. Increase student learning and achievement through the seamless integration of technology into instruction in learning and teaching across the curriculum.

Objective 3: Content Area Connections. Seamlessly apply technology across all subject areas.

Budget Amount \$75,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Identify instructional standard software according to age appropriateness, grade appropriate task/activities, and appropriate instructional tasks correlated to TEKS.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Instructional Technology Staff; classroom teachers	Standard software is identified and purchased. Documentation is available on WAN.
Assist campus administration in requiring integration of technology into classroom teaching.	State: Original Status: Planned	Fall 2006 –Spring 2007	Instructional Technology Staff	Technology is integrated and lessons are shared.
Develop and share classroom plans that support K-12 TEKS and TAKS while integrating technology.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Instructional Technology Staff; Instructional Curriculum Specialists	Curriculum documents are modified and distributed to teaching staff. Classroom ideas are shared.
Provide training and support for teachers to post lesson plans and classroom ideas that promote the integration of technology into the Curriculum Management Systems.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Instructional Technology Staff	Moodle and ForeThought contain current lesson plans and classroom ideas that integrate technology.

ACTION PLANS

Goal 1, Objective 3 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Research technologies that support seamless integration for student academic achievement.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Instructional Technology Staff	Findings reported and considered for adoption.
Provide teachers and staff members opportunities to pilot emerging technologies and to preview instructional and management software.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Department of Technology Staff	Research documentation is provided on the pilots. Preview evaluations are documented.

ACTION PLANS

Goal 1: Teaching and Learning. Increase student learning and achievement through the seamless integration of technology into instruction in learning and teaching across the curriculum.

Objective 4: Technology Applications TEKS Implementation. Technology Application TEKS are integrated at the K-8 level and TA classes are offered at the 9-12 level.

Budget Amount \$2,220,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide hardware and software support for all Technology Applications classes offered at the high school level – Computer Science (I, IAP, IIAP), Desktop Publishing, Digital Graphics, Multimedia, Video Technology and Webmastering.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Department of Technology Staff	Hardware and software is supported and upgraded per replacement plan to support the curriculum of all classes.
Support the use of the adopted Technology Applications materials through meeting hardware and software requirements and through inclusion in the online curriculum.	State: Original Status: In Progress	Spring 2007 – 2010	Chief Technology Officer; Instructional Technology	Correlation in the curriculum is documented. Students and teachers utilize the curriculum resources.
Provide relevant staff development in Technology Applications skill integration for all teachers.	State: Revised Status: In Progress	Fall 2006 –Spring 2010	Instructional Technology Staff	Increased technology skills of students as seen documented in student portfolios.

ACTION PLANS

Goal 1, Objective 4 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide a classroom teacher at each elementary campus to work with the classroom teachers in addressing K-5 Technology Applications TEKS.	State: Revised Status: Planned	Fall 2007 – Spring 2010	Personnel Department; Campus Administration; Department of Technology Staff	Increased technology skills of students as seen documented in student assessments and portfolios.
Coordinate and deliver online safety curriculum for all students K-12 throughout the year after a week long CyberSafety week.	State: Original Status: Planned	Fall 2007 – Spring 2010	Instructional Technology Staff; Campus Instructional Technology	Each school participates in CyberSafety week.
Provide opportunities for teachers of Technology Applications to seek advanced staff development to enhance student learning.	State: Original Status: In Progress	Spring 2007 –2010	Chief Technology Officer	Teachers are participating in staff development for Technology Applications via face-to-face sessions and through distance learning.

ACTION PLANS

Goal 1: Teaching and Learning. Increase student learning and achievement through the seamless integration of technology into instruction in learning and teaching across the curriculum.

Objective 5: Student Mastery of Technology Applications TEKS. Promote the 100% mastery of the Technology Applications TEKS.

Budget Amount \$42,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Develop and implement TA assessments for grades 2 and 5.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Instructional Technology Staff	Assessments are developed and implemented.
Review and revise TA assessment for grade 8.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Instructional Technology Staff	Assessments are given and results are used for placement into high school Technology classes.
Expand and update the Technology Applications curriculum for K-12 that supports mastery of TA skills for all students.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Instructional Technology Staff	Students demonstrate mastery of all TA TEKS. Curriculum is posted on DPISD website. It is reviewed and revised annually.

ACTION PLANS

Goal 1: Teaching and Learning. Increase student learning and achievement through the seamless integration of technology into instruction in learning and teaching across the curriculum.

Objective 6: Online Learning. Provide opportunities for online learning.

Budget Amount \$30,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Expand curriculum web resources through participation of collaborative projects such as SAILOn (Subject Area Interactive Lessons Online).	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Instructional Technology Staff	The SAILOn website is expanded to include all curriculum areas for all grade levels. Other curricular web resources are identified and developed.
Establish a student/teacher resource area using Web 2.0 tools that promote communities of inquiry.	State: Revised Status: Planned	Fall 2007 – Spring 2008	Department of Technology Staff	Resource area is created and utilized by students.
Develop a portal for students to post work and to collaborate with others.	State: Revised Status: Planned	Fall 2006 – Spring 2007	Department of Technology Staff	Portal is established and students are posting work for sharing.

ACTION PLANS

Goal 2: Educator Preparation and Development. Provide district-wide staff development programs to ensure effective use of emerging technologies with emphasis on instructional programs.

Objective 1: Content of Professional Development. Focus content of technology training on creation and communication of new technology-supported, learner-centered projects.

Budget Amount \$45,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide effective staff development on technology tools that promote efficient accomplishment of tasks in a variety of methods including small group, large group, online tutorials, video conferencing and video streaming.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Department of Technology Staff	Documentation of class schedules, attendance, logins and participant evaluations. Documentation of technology use.
Provide staff development for all teachers and administrators in information literacy skills.	State: Original Status: In Progress	Fall 2007 – Spring 2010	Librarians; Technology Support Leaders; Instructional Technology Staff	Efficient use of search tools for research.

ACTION PLANS

Goal 2, Objective 1 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Coordinate and provide technology staff development for all instructional staff over 2 district inservice days that only focuses on the integration of technology.	State: Original Status: In Progress	Fall 2007 – Spring 2010	Instructional Technology Staff	All teachers actively participate in the staff development offerings and replicate activities in the classroom.
Develop expert trainers to perform technology integration training on campuses.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Instructional Technology Staff	Teachers become model teachers for the integration of technology.

ACTION PLANS

Goal 2: Educator Preparation and Development. Provide district-wide staff development programs to ensure effective use of emerging technologies with emphasis on instructional programs.

Objective 2: Models of Professional Development. Provide professional development that is collaborative, interactive and customized.

Budget Amount \$630,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Continually research and evaluate national and state teacher standards for professional development in the instructional use of technology.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Instructional Technology Staff; Department of Instruction Staff	Standards are researched, evaluated and communicated.
Update the district-wide staff development plan that addresses SBEC standards and is collaborative, interactive and customized.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	District Technology Committee; Instructional Technology Staff	District staff development plan is modified, adopted and implemented.
Continue Intel Teach to the Future program for all DPISD classroom teachers as it provides for collaborative, interactive and customized learning opportunities.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Intel Teach to the Future Master Teachers; Instructional Technology Staff; District Technology Committee	One hundred percent of DPISD classroom teachers complete the training. Classroom computers are provided for all who complete the program.

ACTION PLANS

Goal 2, Objective 2 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide twenty-thirty minutes a month of technology integration staff development on each campus that allows for teachers to work collaboratively and meets their curricular needs.	State: Original Status: In Progress	Fall 2006 – Spring 2010	Instructional Technology Staff	Documentation of attendance and of ideas developed.

ACTION PLANS

Goal 2: Educator Preparation and Development. Provide district-wide staff development programs to ensure effective use of emerging technologies with emphasis on instructional programs.

Objective 3: Capabilities of Educators. Implement the State Board of Education Certification proficiencies for all educators.

Budget Amount \$6,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Annually assess individual levels of technology proficiencies as defined by SBEC.	State: Revised Status: In Progress	Spring 2007 – Spring 2010	Instructional Technology Staff	Technology proficiency levels are assessed, documented and shared with campus administrators.
Provide opportunities for teachers and administrators to master in the SBEC proficiencies using a variety of professional development models.	State: Revised Status: In Progress	Spring 2007 – 2010	Instructional Technology Staff	Documented mastery of SBEC proficiencies.
Compile, update and share documentation of teacher and staff technology competencies as defined by Technology applications Educator Standards I – V.	State: Revised Status: In Progress	Spring 2007 – 2010	Instructional Technology Staff	Documentation is used to assess in-district technology competencies and to plan staff development offerings.

ACTION PLANS

Goal 2: Educator Preparation and Development. Provide district-wide staff development programs to ensure effective use of emerging technologies with emphasis on instructional programs.

Objective 4: Access to Professional Development. Provide technology professional development for all teachers and staff members.

Budget Amount \$45,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide multi-level training for use in available administrative resources in a variety of professional development models.	State: Revised Status: In Progress	Spring 2007 – 2010	Information Services Staff; Business Services Department; Instructional Technology Staff	Staff is trained as documented by attendance records and participant evaluations.
Provide twenty-thirty minutes a month of technology integration staff development on each campus that allows for teachers to work collaboratively and meets their curricular needs.	State: Original Status: In Progress	Fall 2006 – Spring 2010	Instructional Technology Staff	Documentation of attendance and of ideas developed.
Coordinate and provide technology staff development for all instructional staff over 2 district inservice days that only focuses on the integration of technology.	State: Original Status: In Progress	Fall 2007 – Spring 2010	Instructional Technology Staff	All teachers actively participate in the staff development offerings and replicate activities in the classroom.

ACTION PLANS

Goal 2, Objective 4 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Develop and provide technology staff development online classes for staff members to access 24/7 learning.	State: Original Status: Planned	Fall 2007 – Spring 2010	Instructional Technology Staff	Technology classes are available for DPISD staff members through the district portal.
Provide on-site technology training based on campus needs in accordance with the campus improvement plan.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Instructional Technology Staff; Campus ITS and staff	Training is provided. Documentation includes attendance records and participant evaluations.
Provide district-wide staff development via distance learning through the Region IV distance learning network and TETN.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Technology Staff	Documentation of participation.

ACTION PLANS

Goal 2: Educator Preparation and Development. Provide district-wide staff development programs to ensure effective use of emerging technologies with emphasis on instructional programs.

Objective 5: Levels of Understanding and Patterns of Use. Provide technology professional development through a variety of delivery systems.

Budget Amount \$27,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide staff development at varying times and levels to accommodate all needs.	State: Revised Status: In Progress	Spring 2007 – 2010	Instructional Technology Staff	Staff development is provided and posted online for enrollment. Documentation includes attendance records and participant evaluations.
Continue to provide, support and expand online resources that streamline administrative and management tasks. (i.e. bid books, handbooks, employment application system, purchase orders, campus planning, emergency planning, curriculum management, staff development tracking, teacher appraisal system, benchmark test management and substitute request system).	State: Revised Status: In Progress	Fall 2006 – Spring 2010	District Administrative Personnel; WebMaster	Increased resources and increased usage of district website.

ACTION PLANS

Goal 2, Objective 5 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide staff development based on teacher STaR Chart results each year that moves them closer to Target Tech, encouraging teachers to create new interactive, collaborative, customized learning environments.	State: Original Status: Planned	Fall 2007 – Spring 2010	Chief Technology Officer & Instructional Technology Staff	Documentation of staff development offerings and participation as well as STaR Chart results.

ACTION PLANS

Goal 2: Educator Preparation and Development. Provide district-wide staff development programs to ensure effective use of emerging technologies with emphasis on instructional programs.

Objective 6: Professional Development for Online Learning. Provide professional development to promote online teaching.

Budget Amount \$15,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide staff development and support for teachers to use Web 2.0 tools with their students.	State: Original Status: Planned	Fall 2007 – Spring 2010	Instructional Technology Staff	Teachers are using Web 2.0 tools with students.
Provide extensive training and support for teachers to develop class websites through Moodle.	State: Original Status: Planned	Summer 2007 – Spring 2010	Instructional Technology Staff	Increase in participation by teachers and students with Moodle.

ACTION PLANS

Goal 3: Leadership, Administration, and Instructional Support. Support the district-wide technology implementation and use through campus level planning, adequate staff and appropriate budgeting.

Objective 1: Leadership and Vision. Promote a shared vision with policies that encourage continuous innovation with technology.

Budget Amount \$3,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Work with leadership to provide and develop vision for technology at the district and campus levels.	State: Original Status: In Progress	Summer 2007 – Spring 2010	Chief Technology Officer	Documentation of action plans.
Provide administrator training annually in the promotion of technology integration and new technologies.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Department of Technology Staff	Increased promotion of technology integration by campus administrators. Documentation of changes on the campus.

ACTION PLANS

Goal 3: Leadership, Administration, and Instructional Support. Support the district-wide technology implementation and use through campus level planning, adequate staff and appropriate budgeting.

Objective 2: Planning. Ensure that district and campus planning provides for a plan that is collaborative, technology-rich and grounded in research.

Budget Amount \$1,500.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Review and revise campus and teacher STaR Charts annually.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Chief Technology Officer and Campus Administrators	Needs assessment is conducted and analyzed. Information is shared. Plans are revised based on results.
Each campus includes technology objectives and strategies based on the STaR Chart results in their campus improvement plan.	State: Original Status: In Progress	Fall 2007 – 2010	Campus Administrator; Campus Technology Committee; Technology Support Leaders	Campus plan annually addresses improvement based on the campus STaR Chart results.
Meet regularly with the district technology committee whose members include teachers, administrators, staff, parents and community members to discuss district use of technology.	State: Revised Status: In Progress	Summer 2007 – Spring 2010	Chief Technology Officer	Documentation of meetings.

ACTION PLANS

Goal 3, Objective 2 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Review the current technology plan documenting progress and making modifications to meet the requirements of the district in compliance with the state and federal requirements (i.e. LRTP and ERATE).	State: Original Status: In Progress	Spring 2007 – 2010	Chief Technology Officer; District Technology Committee	Documentation of meetings. Documentation of progress to meet plan requirements.

ACTION PLANS

Goal 3: Leadership, Administration, and Instructional Support. Support the district-wide technology implementation and use through campus level planning, adequate staff and appropriate budgeting.

Objective 3: Instructional Support. Facilitate and support use of technology.

Budget Amount \$1,278,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide well trained staff to support and assist in the use of technology in the classroom.	State: Revised Status: In Progress	Spring 2007 – 2010	Chief Technology Officer	Documentation of assistance provided to teachers and students on the campuses.
Provide a classroom teacher on each campus to serve as full time technology integration specialist.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Chief Technology Officer; Personnel Department	Full time technology integration specialist is provided on each campus. Five elementary positions are added Fall 2007 to complete the strategy.
Provide staff development for campus technology support personnel in a variety of venues – state convention, through ESC4, and local workshops.	State: Revised Status: In Progress	Spring 2007 – 2010	Chief Technology Officer	Documentation of hours/schedule and attendance.

ACTION PLANS

Goal 3: Leadership, Administration, and Instructional Support. Support the district-wide technology implementation and use through campus level planning, adequate staff and appropriate budgeting.

Objective 4: Communication and Collaboration. Use a variety of media to communicate, interact, and collaborate with all education stakeholders.

Budget Amount \$354,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide an online communication system for teachers to post student information, grades and attendance as well as school news for parents.	State: Revised Status: Planned	Fall 2007 – Spring 2010	Department of Technology Staff	Parents and community members are accessing the information which is updated on a frequent schedule.
Expand electronic student performance information capability for managing instructional planning by obtaining current software and online systems.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Director of Information Services and Chief Technology Officer	Instructional planning is data driven. Personnel is trained.
Maintain a district wide website to share district and campus news, student information, personnel contacts and technology resources.	State: Revised Status: In Progress	Spring 2007 – 2010	Department of Technology Staff	Information is current. Documented number of times accessed.

ACTION PLANS

Goal 3, Objective 4 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide parents and the community access to technology at the school facilities in the evenings through current programs including adult literacy, family nights, and community forums.	State: Revised Status: In Progress	Spring 2007 – 2010	Campus Personnel; Community Coordinator; Department of Technology Staff	Documented use by community programs.
Provide technology training for parents and community members including staff of local private schools utilizing district technology.	State: Revised Status: In Progress	Spring 2007 – 2010	Department of Technology Staff	Records of Attendance
Develop and implement policies and procedures for parents to access the district parent/student portal for student information.	State: Revised Status: Planned	Fall 2007	Department of Technology Staff; District Technology Committee	Policies and procedures are developed and implemented.
Review and modify procedures and policies for technology use in the district by all stakeholders – staff, students, parents and community members.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Chief Technology Officer; District Technology Committee	Procedures/policies developed and recorded. Policies approved by Board of Trustees.

ACTION PLANS

Goal 3: Leadership, Administration, and Instructional Support. Support the district-wide technology implementation and use through campus level planning, adequate staff and appropriate budgeting.

Objective 5: Budget. Budget and seek funding through state initiatives, technology allotments, grants, E-rate discounts, bond funds, business partnerships, donations, foundations and local funding to advance implementation of technology.

Budget Amount \$3,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Maintain a good rapport with external funding resources by communicating technology uses to the community and include them in collaborative planning.	State: Revised Status: In Progress	Spring 2007 – 2010	All district personnel	External funding shows an increase.
Pursue funding opportunities at the federal and state level through grants and technology initiatives.	State: Revised Status: In Progress	Spring 2007 – 2010	Chief Technology Officer; All district personnel	Money is granted to DPISD for technology initiatives.
Effectively implement received grants to ensure future funding. Communicate project findings to funding sources and the community.	State: Revised Status: In Progress	Spring 2007 – 2010	Chief Technology Officer	DPISD technology objectives are met through grant funding resources.

ACTION PLANS

Goal 3, Objective 5 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Allocate thirty percent of the technology budget for staff development.	State: Original Status: In Progress	Spring 2007 – 2010	Chief Technology Officer	Financial Audit

ACTION PLANS

Goal 3: Leadership, Administration, and Instructional Support. Support the district-wide technology implementation and use through campus level planning, adequate staff and appropriate budgeting.

Objective 6: Leadership and Support for Online Learning. Facilitate and support online learning for all levels.

Budget Amount \$345,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Explore and provide opportunities for online learning that facilitate credit recovery, acceleration and enrichment for all students.	State: Original Status: In Progress	Spring 2007 – 2010	Chief Technology Officer; Instructional Staff	Online learning that supports research based strategies is acquired and implemented.
Develop web based classes for high school credit.	State: Revised Status: In Progress	Spring 2007 – 2010	Department of Technology Staff	Health was implemented Fall 2003; Other classes to be developed include Government and Economics.

ACTION PLANS

Goal 4: Infrastructure for Technology. Support integration of technology into instruction by providing and maintaining adequate network connectivity, hardware and software.

Objective 1: Students per Computer. Maintain a ratio of Internet-connected multimedia computer to student of one to one with on-demand access.

Budget Amount \$3,120,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Adhere to replacement plan for obsolete instructional equipment.	State: Original Status: In Progress	Spring 2007 – 2010	District Technology Committee	Plan is moderated and modified when needed.
Adhere to the replacement plan for evaluating and addressing all obsolete administrative software systems.	State: Revised Status: In Progress	Spring 2007 – Spring 2010	Department of Technology Staff	Plan is implemented. Hardware and software is replaced.
Continue providing student computers in classrooms for teachers completing Intel.	State: Revised Status: In Progress	Spring 2007 – 2010	Department of Technology Staff	All classrooms have access to 3-5 computers for student use.
Redefine hardware standards to meet K-12 instructional goals relying on input from the District Technology Committee annually.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Department of Technology Staff; District Technology Committee	Hardware standards are redefined.

ACTION PLANS

Goal 4, Objective 1 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Upgrade computer labs at each school for technology courses and technology integration as defined by replacement cycle.	State: Revised Status: In Progress	Summer 2007 – Spring 2010	Department of Technology Staff	Campus computer labs are upgraded.
Upgrade all libraries to meet recognized standards as defined by replacement cycle.	State: Revised Status: In Progress	Summer 2007	Department of Technology Staff	Workstations are upgraded per recognized standards defined by district librarians.
Annually review and modify specifications and procedures for accepting hardware and software donations from community members and businesses.	State: Revised Status: In Progress	Spring 2007 – 2010	District Technology Committee	Regulations and procedures are modified and implemented.

ACTION PLANS

Goal 4: Infrastructure for Technology. Support integration of technology into instruction by providing and maintaining adequate network connectivity, hardware and software.

Objective 2: Internet Access Connectivity/Speed. Provide easy access Internet with adequate bandwidth and current speed for students and teachers.

Budget Amount \$2,210,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide connectivity to electronic resources for all instructional staff.	State: Revised Status: In Progress	Spring 2007 – 2010	Network Systems Staff	All teachers have access to the Internet, email and online services.
Provide wireless access at each campus.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Department of Technology Staff	Documented use of wireless access.

ACTION PLANS

Goal 4: Infrastructure for Technology. Support integration of technology into instruction by providing and maintaining adequate network connectivity, hardware and software.

Objective 3: Other Classroom Technology. Provide fully equipped classrooms with technology to enhance student instruction.

Budget Amount \$5,550,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide projectors, sound systems, document cameras and whiteboards in classrooms.	State: Revised Status: In Progress	Summer 2007 – Spring 2010	Department of Technology Staff	The systems are upgraded via an application process.
Provide handheld wireless devices (iPods, PDAs, GPS, Laptops, etc.) for student and teacher use.	State: Revised Status: Planned	Fall 2007 – Spring 2010	Department of Technology Staff	Electronic devices are purchased and used in instruction.
Provide wireless connectivity and mobile computing devices for student instruction.	State: Revised Status: In Progress	Fall 2007 – 2010	Department of Technology Staff	Installation of wireless devices.
Regularly evaluate new and emerging technologies for relevance to use in classrooms.	State: Revised Status: In Progress	Spring 2007 – 2010	Department of Technology Staff	New technologies are evaluated and piloted.

ACTION PLANS

Goal 4: Infrastructure for Technology. Support integration of technology into instruction by providing and maintaining adequate network connectivity, hardware and software.

Objective 4: Technical Support. Provide technical staff to support technology across the district.

Budget Amount \$2,475,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Provide adequate and appropriate staff to maintain, repair and support instructional hardware investments.	State: Revised Status: In Progress	Spring 2007 – 2010	Director of Network Systems	Documentation (surveys, work order tracking, “down time” records and personnel evaluations) is reviewed.
Provide adequate and timely training for Technology personnel to efficiently support hardware and software	State: Revised Status: In Progress	Spring 2007 – 2010	Director of Network Systems	Network Systems personnel are trained and certified. Work order documents are reviewed for efficiency.
Maintain all administrative hardware systems to accommodate software systems.	State: Revised Status: In Progress	Spring 2007 – 2010	Department of Technology Staff	Administrative computer systems are maintained and upgraded as needed. Support contracts are up-to-date.
Review and update competency testing for hiring adequately qualified personnel to support the district system as needed.	State: Revised Status: In Progress	Spring 2007 – 2010	Chief Technology Officer; Personnel Department	Criteria and competency tests are reviewed and utilized.

ACTION PLANS

Goal 4, Objective 4 Continued

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Adhere to procedures and regulations for equipment maintenance and repair using sound problem solving skills	State: Revised Status: In Progress	Spring 2007 – 2010	Director of Network Systems	Procedures/regulations established, reviewed, recorded and adopted.
Provide adequate parts and tools for equipment repair in a timely manner to maintain student to workstation ratio.	State: Revised Status: In Progress	Spring 2007 – 2010	Director of Network Systems	Repairs are completed in a timely manner as monitored by work order system.

ACTION PLANS

Goal 4: Infrastructure for Technology. Support integration of technology into instruction by providing and maintaining adequate network connectivity, hardware and software.

Objective 5: LAN/WAN. Provide a robust WAN network infrastructure to support the interconnection of the district classrooms for data, voice and video telecommunications.

Budget Amount \$390,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Support, expand and maintain a robust WAN infrastructure that interfaces with the state technology system.	State: Revised Status: In Progress	Fall 2006 – Spring 2010	Network Systems Staff	Documented performance and expansion of WAN
Provide training for technical staff to stay current with skills to maintain the WAN.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Director of Network Systems	Increased timely support with new skills obtained.
Provide wireless connectivity and mobile computing devices for student instruction.	State: Revised Status: Planned	Fall 2007 – Spring 2010	Department of Technology Staff	Installation of wireless network and devices.
Develop and implement a business continuity plan that provides security in case of a disaster.	State: Revised Status: In Progress	Spring 2007 – 2010	Chief Technology Officer	Plan is completed and approved by the District Technology Committee. Procedures are implemented to ensure continuity.

ACTION PLANS

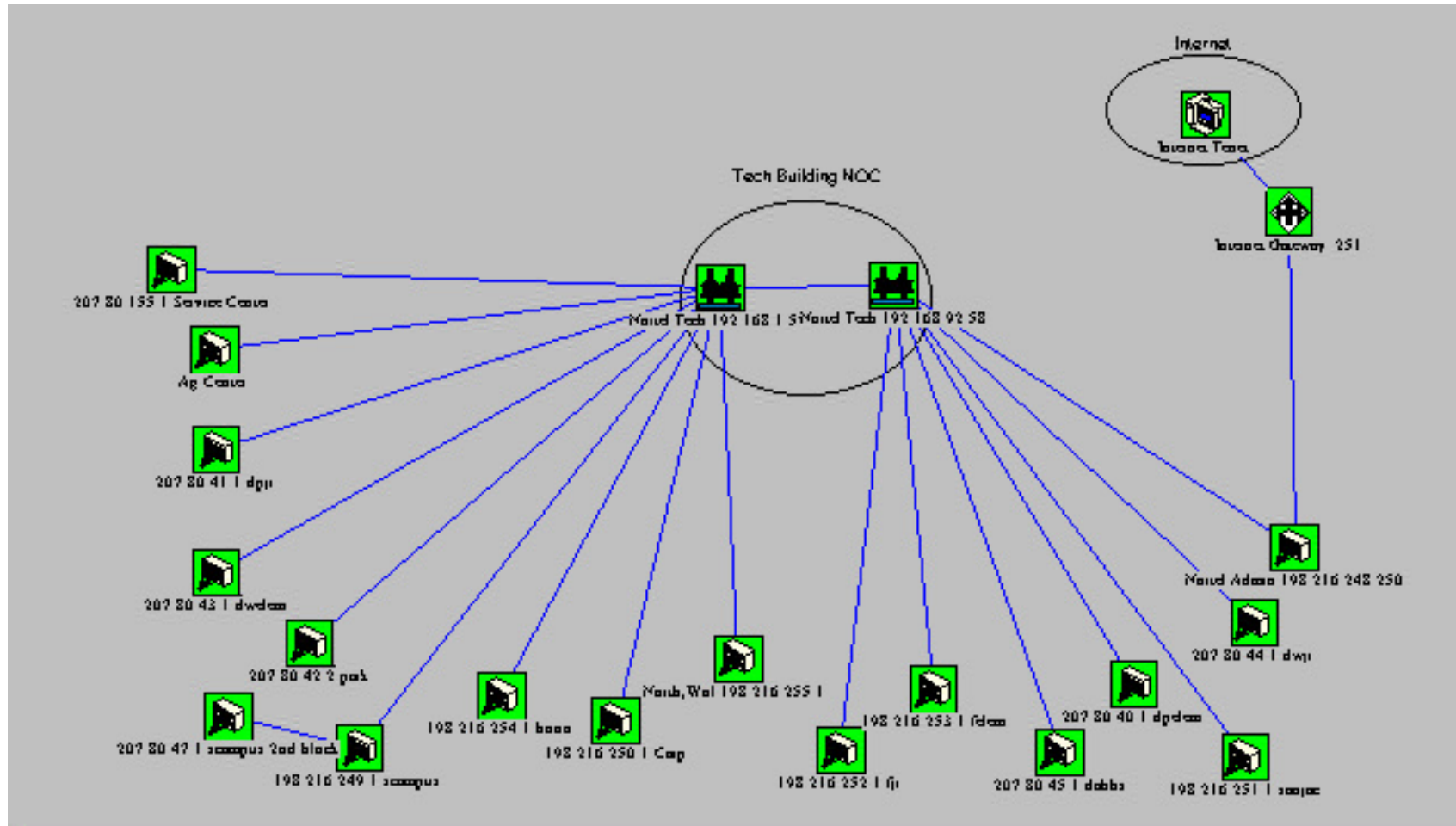
Goal 4: Infrastructure for Technology. Support integration of technology into instruction by providing and maintaining adequate network connectivity, hardware and software.

Objective 6: Distance Learning. Provide distance learning opportunities through web-based, satellite-based, and two-way video at all campuses.

Budget Amount \$85,000.00

STRATEGY	STATE/ STATUS	TIMELINE	PERSON(S) RESPONSIBLE	EVIDENCE
Support and utilize video conferencing and satellite access to address individual student curricular needs on each secondary campus.	State: Revised Status: In Progress	Fall 2007 – Spring 2010	Department of Technology Staff	Scheduled use of video-conferencing
Provide video conferencing capability on each elementary campus.	State: Revised Status: Planned	Fall 2008 – Spring 2010	Department of Technology Staff	Video conferencing is functional on all campuses.
Identify and share distance learning opportunities for all students.	State: Revised Status: In Progress	Spring 2007 – 2010	Instructional Technology Staff	Increased student and teacher usage.
Provide distance learning for all students via 2-way video, video conferencing and/or the Internet.	State; Original Status: In Progress	Fall 2007 – Spring 2010	Department of Technology	Participation of students and teachers in collaborative learning.

DPISD Network Configuration



Appendix A – STaR Chart