

Strategic District Improvement Plan 2006-2007 PROGRESS REPORT #3 Year 4 of 5

IV. TECHNOLOGY PRIORITY OBJECTIVES

PRIORITY: *Develop and sustain a dynamic, integrated infrastructure of human, technological and management resources that empowers all stakeholders to enable students to learn to their fullest potential.*

- ◆ **Objective 1. Ensure that students demonstrate mastery of clearly defined technological skills required to support student achievement and lifelong learning through information acquisition, critical thinking, problem solving, and communication.**

MAJOR ACTIVITY	PERSON(S) RESPONSIBLE	PROGRESS REPORT 1 (NOV. 2006)	PROGRESS REPORT 2 (MAR. 2007)	PROGRESS REPORT 3 (MAY 2007)
IV.1.1. Implement and support best practices for Campus Instructional Technologists (CIT), Campus Technology Facilitators (CTF), Elementary Computer Technologists (ECT), Campus Applications Technologists (CAT), Librarians, and Library Assistants to support student success and achievement.	Dir. of Academic Technology Services, Dir. of Library and Textbook Services, Dir. of Technology Training and Development Services	<p>Provided two-day <i>CIT Startup</i>, which included four hours of CMS training, vision sharing, communication of new 50% instructional time tracking, training on Microsoft OneNote, planning and goal setting, elementary eGrade support, and secondary student storage support.</p> <p>Continued monthly CIT meetings by level, with topics of technology integration, elements of design, validating Internet resources, and effective instructional models.</p> <p>Continued monthly Librarian Staff Development, by level, with topics of Curriculum Integration, Integrating Databases, Texas State Library Standards, and Safety on the Web.</p> <p>Initiated K-12 semi-annual four-region <i>CIT Cluster</i> meetings with topics of K-12 integration and training idea sharing, and development of TEKS-related PhotoStory projects to support social studies curricular objectives.</p> <p>Continued to communicate to all-level CITs, CTF's, and ECT's through monthly publication of <i>CIT News</i>, sharing best practices, and district policies.</p> <p>Provided three monthly professional development sessions for all-level CTFs, with topics of Webmaster Tips, NISD Student Storage, library databases, CMS Updates, CMS Lesson Plans, Grade2, eGrade, Principal Viewer, United Streaming, Parent Connection, Plato, eLearning (Moodle), and Photo Story 3 correlated to TEKS.</p> <p>Provided two staff development sessions for all ECTs with topics of SRA student management,</p>	<p>Continued monthly CIT professional development and support meetings by level, with topics of Campus and Teacher STaR Charts, CMS Outreach teacher Web Site development, Digital Storytelling strategies, Google Earth as an educational tool, using wikis, blogs, podcasts and RSS feeds, PhotoStory projects, Tips and Tools for Staff Developers, eGrade updates, and Audacity audio editor as an educational tool for building constructivist projects promoting Differentiated Instruction (Talking Books).</p> <p>Provided new CIT TIPPA session to orient new CITs to online resources and strategies using the TIPPA rubric, as well as new CIT Professional Development session using DVD technology in education.</p> <p>Provided four monthly professional development sessions for all-level CTFs, with topics of: Grade2, eGrade, eLearning (Moodle), Google Earth, Star Chart, and Photo Story 3.</p> <p>Provided six staff development sessions for CTFs and Special Schools staff on PhotoStory 3, MovieMaker, Dreamweaver, SmartBoards, and KLRN UnitedStreaming correlated to TEKS objectives.</p> <p>Revised, developed, communicated, and published online an improved CTF evaluation instrument.</p> <p>Provided training for ECTs on PhotoStory and SRA online textbook updates.</p> <p>Provided two days of staff development for CITs on campus webmastering.</p>	<p>Continued monthly CIT professional development and support meetings by level, with topics of sharing integration ideas and best practice strategies, emphasizing differentiated instruction.</p> <p>Continued K-12 CIT cluster meetings, allowing for vertical sharing between CITs, providing hands-on staff development on the use of capturing audio using Audacity.</p> <p>Coordinated with CITs, Principals, and teachers to reach 100% completion of all Texas Teacher STaR Charts in NISD.</p> <p>Coordinated the 2007 Digital Media Fair: Categories and guidelines were revised slightly to re-emphasize the academic focus for the event. Overall participation in the event was increased, with 1,139 entries received. Two "Digi" awards ceremonies were held, one for elementary and one for secondary, resulting in 877 students being recognized overall. Also new this year was online judging.</p> <p>Provided monthly professional development sessions for all-level CTFs, with topics of: Audacity, CMS Outreach, end-of-year file clean up, and CPS system demo.</p> <p>Provided five full days of training and assessment for new ECTs; provided training sessions for all ECTs on Lab Management.</p> <p>Designed and delivered four half-day web development sessions for CITs (Using Dreamweaver Frames to build a Talking Book project).</p>

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		<p>elementary technology literacy curriculum, and use of Photo Story 3.</p> <p>Provided training and testing for seven new ECTs and administered application practica to three CITs.</p> <p>Updated campus Webmaster curriculum and provided four days of training to campus Webmasters, and one on one coaching on site, as needed; coordinated with district webmaster regarding campus site design needs.</p> <p>Provided staff development to all level librarians in validating Web resources.</p> <p>Continued to support campus principals through CIT screening interviews and mentoring program for new CITs.</p> <p>Completed 146 site visits to support CITs and CTFs at K-12 campuses and Special Schools.</p> <p>Continued implementation and support of high school STAC program.</p> <p>Completed 52 library visits and responded to over 8,700 library e-mails and phone calls to support K-12 librarians and campuses.</p> <p>Hosted Walter Betts, nationally known authority on Web 2.0, who presented <i>Texas Top Technology Trends</i> to all K-12 librarians and CITs; topics included blogs, podcasting, social spaces, user created content such as mashups, wikis, RSS feeds, folksonomy, and strategies and approaches to connecting with today's students in a relevant manner.</p>	<p>Provided three training sessions for CITs on best practices with SmartBoards.</p> <p>Conducted 138 site visits to support K-12 campuses in integration strategies, video projects, web page design, and online testing, and to support CTFs, administrators, and teachers at special schools.</p> <p>Completed 20 library visits, responded to 4,078 library e-mails and phone calls, and processed 6,116 new library items to support K-12 librarians and campuses.</p> <p>Continued to communicate to all-level CITs, CTF's, and ECT's through monthly publication of <i>CIT News</i>, sharing best practices, and district policies.</p> <p>Revised and updated categories for Digital Media Fair and shared these with CITs, creating a new web site for promotional purposes, and a new online database to enable digital, anonymous scoring by judges.</p> <p>Coordinated District STaR Chart completion for all campuses and Teacher STaR Chart completion for all teachers.</p> <p>Provide interview for KSAT 12 on Cyberbullying, sharing NISD best practices, which include activities addressing this topic in the Computer Literacy curriculum.</p> <p>Continued monthly Librarian professional development and support meetings. By level, on topics of School Library Standards, Web 2.0, and library technology.</p>	<p>Conducted 115 site visits to support K-12 campuses in integration strategies, video projects, web page design, gradebook, video distribution, and online testing, and to support CTFs, administrators, and teachers at special schools.</p> <p>Provided two staff development sessions for CATs focusing on grade book policies and procedures.</p> <p>Continued monthly Librarian Staff Development, by level, with topics of technology (Library 2.0, literature blogs, United Streaming, webpage development), serving bilingual students, programming (author visits, literacy nights), best books for young adults, and a needs assessment for services provided by Library Services.</p> <p>Completed 11 library visits, responded to 5,478 library e-mails and phone calls, and processed 5,488 new library items to support K-12 librarians and campuses.</p> <p>Provided Library Best Practices seminar for elementary administrators.</p> <p>Continued to communicate to all-level CITs, CTF's, and ECT's through monthly publication of <i>CIT News</i>, sharing best practices, and district policies.</p> <p>Continued to promote and support best practices in use of NetStorage for secondary students.</p>
<p>IV.1.2. Provide instructional and technical support for core and enrichment content areas to support student success and achievement. (e.g., online testing, virtual classroom spaces, student secure network storage, intervention software, instructional management software, credit retrieval software, TIPPA, video-</p>	<p>Asst. Superintendent for Technology Services, Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Infrastructure Services, Dir. of Technology Acquisitions and Project Management, Dir. of Library and Textbook Services, Dir. of Integrated Information Services, Dir. of Technology</p>	<p>Provided district-wide content management for the Sirsi library information system (131 vendor loads; 72,354 books added; 5,799 media added; 13,539 barcodes printed).</p> <p>Inventoried five campus libraries.</p> <p>Provided on-going, high quality, high-volume</p>	<p>Developed online videos for students on how to set up network storage accounts, as well as facilitating face-to-face training sessions and providing technical support.</p> <p>Participated in District Textbook Committee process to facilitate the adoption of software and</p>	<p>Provided district and campus support for online testing (Social Studies TAKS, high school EOC, Spanish AP).</p> <p>Facilitated monthly elementary and secondary eGrade committee meetings and supported elementary administrators and CITs in report</p>

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<p>conferencing software, data and information support, infrastructure support, textbook support)</p>	<p>Training and Development Services, Dir. of Academic Technology Services</p>	<p>support to staff district-wide concerning textbook issues (2,826 e-mails; 1,989 phone calls).</p> <p>Delivered 409,549 textbook materials to campuses; picked up 16,548 surplus materials for redistribution; processed 659 campus requisitions.</p> <p>Delivered 874 boxes of testing materials to campuses; picked up 517 boxes.</p> <p>Delivered 413 boxes of library materials to campuses; picked up 517 boxes.</p> <p>Collaborated with C&I to provide instructional and technical support of district-wide software (Read 180, Plato, Agile Mind, RiverDeep).</p> <p>Evaluated numerous instructional software applications for classroom use, as part of INS-03 C&I and Technology process.</p> <p>Converted high school Web Mastering Online to a Moodle environment in eLearn; marketed 2006-2007 WMO class to students and led two student orientation sessions.</p> <p>Designed and developed a Mock Election database for Elementary students to vote online and coordinated early voting.</p> <p>Facilitated quote and award of various hardware, software, and peripheral equipment to support instructional needs.</p> <p>Made available secure student file storage (NetStorage) to all secondary students; includes home access.</p> <p>Supported online testing efforts to include TAKS, GEE, and TOP Rater.</p> <p>Installed hardware solution for new elementary electronic gradebook system, Gradespeed.</p> <p>Completed version upgrade for secondary gradebook, Excelsior.</p>	<p>electronic resources.</p> <p>Facilitated the work of the Online Testing Committee (e.g., software installation, lab assignments, technical support)</p> <p>Provided district-wide content management for the Sirsi library information system (108 vendor loads; 21,671 books added; 1,677media added).</p> <p>Provided on-going, high quality, high-volume support to staff district-wide concerning textbook issues (1.095 e-mails; 526 phone calls).</p> <p>Delivered 4,180 textbook materials to campuses; picked up 2,615 surplus materials for redistribution; processed 212 campus requisitions; processed 1,447 new textbook arrivals.</p> <p>Delivered 1,200 boxes of testing materials to campuses; picked up 951 boxes.</p> <p>Delivered 447 boxes of library materials to campuses; picked up 243 boxes.</p> <p>Evaluated numerous instructional software applications for classroom use, as part of INS-03 C&I and Technology process.</p> <p>Assisted with planning and setup for district Journalism workshop using laptops for InDesign and Photoshop sessions for students.</p> <p>Assisted campuses and departments with technology components of grants, as needed.</p> <p>Developed an online questionnaire for elementary math specialists to gather information on Destination Math Content and Learning Management.</p> <p>Facilitated planning for the development of two online courses for high school credit (health, fine arts).</p> <p>Completed re-deployment of intervention computers to Murnin, Fisher, and Wanke.</p>	<p>card printing and procedures.</p> <p>Provided “Tech Teach” segments for C&I Instructional Specialists, Middle School Principals, HS Academic Deans and Principals, and Instructional Directors on topics such as blogging, PhotoStory and Camtasia integration, student-created video, and Talking Books.</p> <p>Coordinated software evaluation for new math textbook adoption.</p> <p>Evaluated numerous instructional software applications for classroom use, as part of INS-03 C&I and Technology process.</p> <p>Supported software needs for elementary and middle school STEPS programs.</p> <p>Delivered 44,451 textbook materials to campuses; picked up 1,208 surplus materials for redistribution; processed 97 campus requisitions; processed 70,797 new textbook arrivals.</p> <p>Delivered 1,372 boxes of testing materials to campuses; picked up 1,130 boxes.</p> <p>Delivered 663 boxes of library materials to campuses; picked up 1,146 boxes.</p> <p>Provided on-going, high quality, high-volume support to staff district-wide concerning textbook issues (1,662 e-mails; 1,065 phone calls).</p> <p>Supported expansion of the high school Credit Retrieval Program (Plato software - new servers, licenses).</p> <p>Completed re-deployment of 14 repurposed intervention computers at Mead ES.</p> <p>Facilitated quote and award of various hardware, software, and peripheral equipment to support instructional needs.</p>

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		<p>Completed installation of hardware portion of Sirsi upgrade project.</p> <p>Upgraded operating software on Apple computers in all high school photo/journalism labs.</p> <p>Began installation of new Apple server that will provide shared file access and desktop management of district Apple computers.</p>	<p>Collaborating on the development of the Special Education OnlineHandbook.</p> <p>Facilitated quote and award of various hardware, software, and peripheral equipment to support instructional needs.</p> <p>Collaborated bi-weekly with the CMS Design Team and SchoolNet to fully implement the Curriculum Management System (perform data updates, account management, training, and other implementation support).</p>	<p>Completed troubleshooting and subsequent installation of video conferencing system at Oak Hills Terrace ES.</p> <p>Implemented JAWS server-based application upgrade to serve visually impaired student population.</p>
<p>IV.1.3. Continue to develop K-12 Technology Applications and K-12 Library curricular components and publish them in the Curriculum Management System to facilitate students' mastery of technology and information literacy skills to support student achievement.</p>	<p>Dir. of Academic Technology Services, Dir. of Library and Textbook Services</p>	<p>Developed Elementary Technology Literacy curriculum for grades 1, 3, 4 and posted them on ECT intranet site.</p> <p>Developed three new Library curricular units, aligned to NISD Library Scope and Sequence.</p>	<p>Developed three new Library curricular units, aligned to NISD Library Scope and Sequence.</p>	<p>Scheduled a June curricular writing project to analyze vertical alignment of K-5 Elementary Computer Literacy Curriculum; plan to revise and polish all units before posting to CMS and ECT intranet site in August, 2007.</p> <p>Posted 32 Library curricular units, aligned to NISD Library Scope and Sequence.</p>
<p>IV.1.4. Work collaboratively with Business Careers High School and Curriculum and Instruction to implement and support the wireless one-to-one laptop initiative, and explore similar initiatives at other magnet high schools.</p>	<p>Asst. Superintendent for Technology Services, Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Infrastructure Services, Dir. of Technology Acquisitions and Project Management, Dir. of Library and Textbook Services, Dir. of Integrated Information Services, Dir. of Technology Training and Development Services, Dir. of Academic Technology Services</p>	<p>Collaborated with BCHS teachers to select instructional software for laptops.</p> <p>Assisted teachers with the development of student-centered, project-based lesson plan activities during three-week summer curriculum initiative.</p> <p>Provided a four-day "Wireless Retreat," training for BCHS faculty.</p> <p>Presented three-day student orientation in "Rolling out the Laptops".</p> <p>Provided four pull-out days of professional development for BCHS teachers, and weekly site visits to support teachers.</p> <p>Collaborated with Holmes Librarian to provide database materials and training to BCHS teachers.</p> <p>Created six "Quick Start Ideas" handouts for BCHS student laptop project.</p>	<p>Planned and delivered monthly staff development sessions for teachers, focusing on differentiated instruction, tiered assignments, Inspiration, and wikis.</p> <p>Providing continuous online-facilitated communication tools on eLearn for BCHS educators and technology staff.</p> <p>Provided technical support for laptop repair, stolen laptop tracking, etc. (ongoing)</p> <p>Collaborated with BCHS administration on processes and procedures to address Acceptable Use Policy violations; provided bi-monthly reports.</p> <p>Began the development of online teacher, student and parent surveys to assist in program improvements for next year.</p>	<p>Planned and delivered monthly staff development sessions and ongoing just-in-time training for BCHS teachers, focusing on differentiated instruction, technology integration, MovieMaker, Audacity, and podcasts.</p> <p>Facilitated the online Microsoft Specialist Certification program for students (Certiport Examination Software).</p> <p>Collaborated with the program evaluator to develop and administer student, teacher, and parent surveys to assess experiences and plan for continual improvement.</p> <p>Processed and awarded quote for purchase of wireless laptops for the 2007-2008 school year.</p> <p>Continued to collaborate with BCHS administration on processes and procedures to address Acceptable Use Policy violations; provided bi-monthly reports.</p>

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		<p>Providing continuous online-facilitated communication tools on eLearn for BCHS educators and technology staff.</p> <p>Hosted parent/student orientation sessions and technology Q & A nights.</p> <p>Imaged and issued approximately 700 laptops to BCHS staff/students.</p> <p>Deployed secure wireless printing solution for BCHS (RIngdale).</p> <p>Implemented proxy server solution that provides filtered Internet content for students/staff from home.</p> <p>Re-deployed BCHS lab computers into BCHS classrooms for student workstation use.</p> <p>Designed and implemented a Technology Services Center on the BCHS campus.</p> <p>Providing continuous on-site technical support for students and teachers.</p> <p>Working extensively with the BCHS administration on processes and procedures to address Acceptable Use Policy violations.</p> <p>Developed and tested laptop recovery procedures in collaboration with the BCHS Administration, NISD PD, and SAPD.</p>		<p>Continued to provide technical support for laptop repair, stolen laptop tracking, etc.</p> <p>Supported end of year student laptop check-in and evaluation of all BCHS student laptops.</p> <p>Participated in two Parent Orientation sessions for students new to BCHS in 2007-08.</p>

♦ **Objective 2. Ensure that all employees demonstrate mastery of appropriate, clearly defined technological skills and competencies required for performance of their jobs.**

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<p>IV.2.1. Provide face-to-face technology-related training and professional development for employees that align with the NISD Technology Core Competencies. (e.g., Training on Wheels, Q.U.A.D., Classroom Delivery, Leadership Seminars)</p>	<p>Dir. of Technology Training and Development Services, Dir. of Academic Technology Services, Dir. of Library and Textbook Services</p>	<p>Developed training materials for elementary gradebook (eGrade) for all teachers, attendance secretaries, and administrators.</p> <p>Developed training materials for CMS update training and CMS lesson plan training for all teachers.</p> <p>Provided eGrade turn-around training to 178 elementary teachers and CITs (TOT).</p>	<p>Revised print and online training materials for several standard applications (Word, Excel, PowerPoint, etc.).</p> <p>Developed training materials and provided three training sessions for CMC teachers and IAs on the N-Time Student Tracking application.</p> <p>Provided nine Training on Wheels sessions.</p>	<p>Planned for eCamp (June 5, 6, 7 at Stevens).</p> <p>Conducted 74 face-to-face technology related classes focusing on district standard software for all staff.</p> <p>Conducted 23 face-to-face business technology related classes focusing on bookkeepers and business office staff.</p>

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		<p>Provided eGrade attendance training for 62 elementary attendance secretaries.</p> <p>Created training materials and presented training sessions to K-12 administrators at Administrator Institute for CMS and elementary eGrade (18 sessions).</p> <p>Collaborated with CITs, provided, and supported campus CMS training and eGrade training district-wide.</p> <p>Provided four eGrade professional development sessions for elementary counselors.</p> <p>Provided three eGrade professional development sessions for elementary specialists (PE and Music).</p> <p>Provided five eGrade professional development sessions for elementary campus administrators.</p> <p>Developed Quick Step Guide for Student Enrollment for Attendance Secretaries.</p> <p>Provided twelve Sirsi workshops for librarians.</p> <p>Provided four Cognos professional development sessions for elementary counselors.</p> <p>Developed and published the Training on Wheels schedule for Fall 2006 and Spring 2007.</p> <p>Provided 26 New Employee Technology Training Sessions.</p> <p>Conducted 48 face-to-face technology related classes focusing on district standard application software.</p> <p>Provided technology professional development for Homebound teachers on the AUP, ERO, GroupWise, Intranet, and Webmail.</p> <p>Provided Video Distribution Training at nine campuses.</p> <p>Provided three Webbie Support workshops and maintained the Webbie Support Web page.</p>	<p>Conducted 91 face-to-face technology related classes focusing on district standard software.</p> <p>Provided 18 face-to-face business technology related classes focusing on bookkeepers and business office staff.</p> <p>Developed Quick Step Guide for Student Schedule Assignment</p> <p>Provided New Employee Technology Training Sessions as requested.</p> <p>Developed training materials for the pilot for the Tablet PC and provided 17 face-to-face training sessions for Cabinet Members and District-wide leadership, as well as technical support.</p> <p>Provided custom training for several groups (e.g. Adult Community Ed, Fisher ES, Student Services staff, Excel) on a variety of topics (e.g., wireless laptops, Dell AXIM, scanners, Inspiration, Winocular, ETS, video distribution system).</p> <p>Provided one Webbie Support workshop and maintained the Webbie Support Web page.</p> <p>Conducted five sessions on strategies for Online Course Development with Moodle.</p> <p>Provided CMS Outreach training to CITs and CTFs, and provided training and review on CMS Lesson Plans for CTFs and special school staff.</p> <p>Provided staff development and training materials for 15 Special Schools to complete their 2007 STaR Charts.</p> <p>Provided continued training and support for Special Schools elementary and secondary campuses in use of eGrade and grade2.</p> <p>Presented several sessions at TCEA, including a student showcase of Northside ISD's Digital Media Fair – sample products. a <i>Microsoft</i></p>	<p>Revised the New Employee Technology Training guide.</p> <p>Created training guide for Sprint/Nextel Employee Billing.</p> <p>Developed and published an information sheet for 21 campuses migrating to Active Directory.</p> <p>Updated training materials for Nurses – Immunization Due Reporting and Cognos Reports.</p> <p>Provided three Cognos training sessions for elementary counselors and campus staff.</p> <p>Provided New Employee Technology Training Sessions as needed.</p> <p>Facilitated 10 New Bookkeeper face-to-face trainings for various Business Departments.</p> <p>Developed NetMeeting training materials for the Child Nutrition Department.</p> <p>Developed Flash Essentials as a new course offering.</p> <p>Provided three Webbie Support workshops and maintained the Webbie Support Web page.</p> <p>Provided 12 customized workshops for Elementary Administrators on the SchoolNet CMS.</p> <p>Provided Credit Tracker training for Counselors.</p> <p>Provided custom training for Adult/Community Ed staff.</p> <p>Provided technology professional development for Homebound teachers on the processes of AUP, ERO, Groupwise, Intranet, and Webmail.</p> <p>Provided professional development sessions for all-level special schools' staff, with topics of:</p>

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		<p>Provided professional development for over 30 K-12 administrators on “The Technology Puzzle: Putting the Pieces Together”.</p> <p>Provided a technology component of professional development for two fall sessions of Leader College for Academic Deans/Coaches on CMS.</p>	<p><i>PhotoStory</i> session – <i>Going Hollywood: Video Technology Integration Made Easy</i>, a high school session – <i>The Big 4 Targets Learners and Technology Integration</i>, and <i>Taking the Lead with Laptops: Wireless 1:1 Initiative</i>.</p>	<p>PhotoStory 3, CMS Outreach, MovieMaker, and archiving/deleting files on network and Groupwise.</p>
<p>IV.2.2. Provide online technology-related training and professional development course offerings, online training resources, and online assessment opportunities that align with the NISD Technology Core Competencies.</p>	<p>Dir. of Technology Training and Development Services, Dir. of Academic Technology Services</p>	<p>Continuing to develop and support new online technology training courses (Automated Cash Receipts, SmartBoard Essentials, R20 SEMS, etc.) through NISD eLearn site (Moodle).</p> <p>Created and implemented an online eLearn portal for Leader College communication.</p> <p>Created the FAQ site on eLearn for the elementary gradebook.</p> <p>Designed a CTF portal on eLearn for communication and resource sharing with Special Schools.</p> <p>Developed and published updated AUP online training vignettes.</p> <p>Provided a wide variety of just-in-time online application support using NetMeeting.</p> <p>Conducted twenty online technology training classes using NetMeeting.</p> <p>Created online parent training documents for Parent Connection and CMS portal.</p> <p>Installed and configured Dell learning management system to provide on-line technology course content for Technology Services staff.</p>	<p>Provided a wide variety of just-in-time online application support using Net Meeting.</p> <p>Developing course templates and digital learning object repository for reusable and shareable content storage.</p> <p>Developed online staff development for Dreamweaver templates, CSS, and frames.</p> <p>Managed and maintained the AUP training site using eLearn.</p> <p>Provided online training via eLearn environment to BCHS teachers, and to K-12 CITs and CTFs.</p> <p>Planned collaboratively to deliver staff development to 12 magnet school teachers on <i>eClassroom</i>, a collection of online capabilities which will greatly enrich face to face content delivery.</p>	<p>Revised QUAD website and database to provide tools and resources for campus and district support staff.</p> <p>Developed online resources for Word 100, Word 110, Access 100, and Access 200 courses.</p> <p>Provided 14 NetMeeting support sessions for Pupil Personnel, Community Ed and Elementary Instruction.</p> <p>Provided online learning using NetMeeting for bookkeepers for business technology applications.</p> <p>Delivered training for Moodle developers on use of Moodle Tools, such as course setup forms, lesson module, quiz module, chats, blogs, and assignments.</p> <p>Developed an online resource for accessing and sharing instructional materials, ideas, and solutions related to the CMS.</p> <p>Developing new content for the online Acceptable Use course for 2007-08.</p>
<p>IV.2.3. Provide professional development for educators on District-wide online databases for information acquisition and research, as well as promote the effective use of these instructional resources. (e.g., Gale, World Book, TeachingBooks.net, Facts on File, Britannica, EBSCO, United Streaming)</p>	<p>Dir. of Library and Textbook Services, Dir. of Academic Technology Services</p>	<p>Provided training for CTFs and Homebound teachers on library databases and UnitedStreaming.</p> <p>Provided training to BCHS faculty on United Streaming during pull-out day.</p> <p>Purchased Texshare Database Collection (35+ databases) for all campuses and planning training for librarians and teachers.</p>	<p>Provided training for new Homebound teachers on NISD library databases and KLRN UnitedStreaming.</p> <p>Provided three workshops for librarians and teachers on utilizing online databases in instruction.</p>	<p>Supported campus librarians in their ongoing online database training efforts.</p> <p>Facilitated KLRN/ Discovery UnitedStreaming contract renewal for the 2007-2008.</p>

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IV.2.4. Conduct professional development for all-level Technology Applications teachers related to curriculum TEKS, projects, and activities.	Dir. of Academic Technology Services	<p>Provided training for HS Technology Applications teachers on Web page creation and design elements.</p> <p>Designed, developed, and presented four days of <i>New MS Tech Apps Teachers Professional Development</i>. Topics included developing curriculum, orientation to Connected Tech and Typing Pal, Gaggle, NISD curriculum resources, student storage, AUP, and Digital Media Fair.</p> <p>Provided after school MS Tech Apps staff development session on <i>Fireworks Animated Graphics</i>.</p> <p>Provided new MS Tech Apps Teachers pull out day on <i>Digital Photography Workshop</i>.</p> <p>Provided MS Tech Apps Teachers Professional Development pullout day 1 of 2, <i>DVD-Video Workshop</i>.</p>	<p>Designed and delivered a 2-day staff development for HS Tech Apps teachers and a 2-day staff development for MS Tech Apps teachers, both on the topic of DVD-video workshop.</p> <p>Provided an after-school MS Tech Apps teacher staff development on PhotoShop Elements- <i>Creating a Web Gallery</i>.</p> <p>Provided an after-school HS Tech Apps teacher staff development on <i>HTML Training</i>.</p>	<p>Designed and delivered after school Middle School Tech Apps staff development using Photoshop Elements.</p> <p>Coordinated two after-school technology staff development sessions for High School Tech Apps teachers.</p>
IV.2.5. Continue support for the Pathways to Advanced Virtual Education (PAVE II) grant, in which 133 NISD educators earn an online master's degree in Curriculum and Instruction with an emphasis in Instructional Technology in collaboration with neighboring school districts and Walden University.	Dir. of Academic Technology Services	<p>Provided eight Pave II Portfolio Development Sessions.</p> <p>Provided <i>DVD-Video Workshop</i> for Pave II participants.</p> <p>Provided two <i>Camtasia Workshop</i> sessions for Pave II participants.</p> <p>Provided support through product quotes and acquisitions of software to meet PAVE needs.</p>	<p>Provided nine after-school portfolio support sessions for Pave II participants.</p>	<p>Provided three after-school portfolio support sessions for Pave II participants.</p> <p>Tracking Give Back Hours for Pave II participants as partial fulfillment of grant requirements.</p> <p>This grant-funded project is nearing completion. The final high school group is finishing up the Walden masters degree program. There are only a few that are taking courses who have selected to request an extension.</p>

IV. TECHNOLOGY – Continued

◆ **Objective 3. Acquire and align fiscal and human resources to support technology use throughout the Organization.**

MAJOR ACTIVITY	PERSON(S) RESPONSIBLE	PROGRESS REPORT 1 (NOV. 2006)	PROGRESS REPORT 2 (MAR. 2007)	PROGRESS REPORT 3 (MAY 2007)
IV.3.1. Manage special revenue budget processes and expenditures to effectively use technology to meet instructional and operational needs throughout the District.	Asst. Superintendent for Technology Services, Exec. Dir. of Information and Infrastructure Services, Dir. of Technology Acquisitions and Project Management	<p>Submitted applications for reimbursement of YR 8 E-rate funds for \$1M.</p> <p>Received Year 9 E-rate funding notice for Voice, Long Distance, and Data</p>	<p>Received Year 9 E-rate funding notice for Priority 2 request (\$24,329.27 for Novell licensing fees, and \$94,269.00 to support Internet service).</p>	<p>Continued to maintain and administer budgets and expenditures for the current Technology Bond Program and Title II Part D.</p>

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MAJOR ACTIVITY	PERSON(S) RESPONSIBLE	PROGRESS REPORT 1 (NOV. 2006)	PROGRESS REPORT 2 (MAR. 2007)	PROGRESS REPORT 3 (MAY 2007)
(e.g., E-rate, Title II Part D, Technology Bond Program, State Technology Allotment, grants and partnerships)		<p>Communications totaling \$1,014,786.60; awaiting funding status on Internet and other Priority II funding request.</p> <p>Drafted RFPs for upcoming yearly E-rate application cycle.</p> <p>Completed online eGrants Evaluation for 2005-2006 funding year for Title II Part D (\$239,000).</p> <p>Established budget and completed online eGrants Application for 2006-2007 funding year for Title II Part D (\$200,000).</p> <p>Collaborating with Title Program Administrators, Special Revenues Director, and PEIMS Coordinator to utilize best practices in identifying Function Codes and Role IDs for special revenue-funded positions.</p> <p>Provided oversight and reporting of approved Technology Bond Program activities.</p> <p>Presented <i>Improving our Practice</i> overview to K-12 principals, regarding new 50% CIT instructional time tracking.</p> <p>Assisted with quotes and product information for proposed grant opportunities.</p>	<p>Completed E-rate Year 10 submissions (RFPs, contracts, applications, P.O.s for Campus Wireless Network Equipment, Cisco Network Equipment, Telephone Service, WAN Service, Long Distance Service, Internet Service, Novell licensing fees)</p> <p>Collaborated with Facilities Department to submit E-rate applications for the upgrade/replacement of cable plants at 5 campuses.</p> <p>Managed expenditures for Technology Bond Program and Title II Part D.</p> <p>Participated in the NCLB Effectiveness Review and submitted a Continuous Improvement Plan for Title II Part D.</p>	<p>Coordinated, planned and provided project management for two campus redeployments (Oak Hills Terrace and Braun Station), several campus renovation or addition projects (Anson Jones, Sul Ross, Hobby, Leon Valley, Jay, as well as others), and three new school openings (Aue, Driggers and Jefferson), including the repurposing of 300+ computers.</p> <p>Continuing to respond to requests for information regarding E-rate Year 10 submissions. No funding commitment decision letters issued as of this report date.</p> <p>Participated in the district's annual No Child Left Behind (NCLB) grant meeting to plan activities and professional development based on district needs for 2007-2008.</p>
IV.3.2. Collaborate with all stakeholders to research, plan and communicate technology requirements for the 2007 Bond Program.	Asst. Superintendent for Technology Services, Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Infrastructure Services, Dir. of Technology Acquisitions and Project Management, Dir. of Library and Textbook Services, Dir. of Integrated Information Services, Dir. of Technology Training and Development Services, Dir. of Academic Technology Services	<p>Solicited input from a wide variety of groups to determine technology needs for Bond 2007.</p> <p>Compiled and researched potential recommendations for bond projects and developed costs estimates based on objectives.</p> <p>Completed planning documents for presentation to Citizens' Bond Committee on November 27.</p>	Participated in NISD Citizens' Bond Committee 2007; presented technology needs and developed costs and schedules for projects.	<p>Processed and pending award of digital projector quote for classrooms in support of Bond 2007 programs and initiatives.</p> <p>Completing preliminary designs and implementation planning schedules for Middle School Integrated Security Management Systems.</p> <p>Provided 20+ Bond 2007 presentations to staff and community throughout the district.</p> <p>Revised and submitted 2007 Bond spending plan. Aligned with projects and timelines.</p>
IV.3.3. Continue the Technology Services Customer Interaction Program to facilitate a deeper understanding of campus and department	Asst. Superintendent for Technology Services, Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Infrastructure	Shadowed three campus Cafeteria Managers to observe workflow and develop customized training.	Conducted Technology Town Hall sessions for Campus Administrators, Librarians, and District Administrators.	Conducted Technology Town Halls for CITs and classified/auxiliary staff.

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needs in order to continue to provide exemplary service and support. (e.g., Town Halls, service surveys and metrics, focus groups, job shadowing)	Services, Dir. of Technology Acquisitions and Project Management, Dir. of Library and Textbook Services, Dir. of Integrated Information Services, Dir. of Technology Training and Development Services, Dir. of Academic Technology Services	<p>Analyzed data from ERO to identify and plan more efficient and effective technology training.</p> <p>Provided post deployment support including campus visits to ensure satisfaction.</p> <p>Provided project management for all initiatives with technology elements, working with a wide variety of end users and projects.</p> <p>Continued <i>Friends of Northside Libraries</i> organization to educate the community about library services, support activities of the NISD libraries, and advocate for school libraries at all levels.</p> <p>Continued 2006-2007 quarterly meetings for all Technology Services staff, to facilitate communication, collaboration, and collegiality across service areas, including Employee Recognition Program.</p>	<p>Conducted several customer service visits to campuses with a primary focus on Library support.</p> <p>Established focus group with BCHS staff and students to discuss suggestions for how we can continue to enhance their experiences with the new technology.</p> <p>Meeting with staff from elementary schools deployed in summer 2006 to gather more feedback for deployment planning of 2007 summer campuses, and upcoming campus lifecycle replacement projects</p> <p>Continued 2006-2007 quarterly meetings for all Technology Services staff, to facilitate communication, collaboration, and collegiality across service areas, including Employee Recognition Program.</p> <p>Continued <i>Friends of Northside Libraries</i> (4 meetings).</p>	<p>Analyzed data from ERO Voice of the Customer to identify and plan for future training initiatives.</p> <p>Collaborated with various business departments to coordinate technology training for the Business Academy for Bookkeepers in August.</p> <p>Conducted focus group meetings on various topics, including:</p> <ul style="list-style-type: none"> • Technology support for summer school registration • Restructuring the campus Attendance Secretary position • Modifying the standard for deploying TVs to schools <p>Continued 2006-2007 quarterly meetings for all Technology Services staff, to facilitate communication, collaboration, and collegiality across service areas, including Employee Recognition Program.</p>

◆ **Objective 4. Develop, implement, and periodically review policies, plans, and procedures that standardize and streamline the evaluation, procurement, deployment, support, maintenance, and management of current, new, and emerging technologies.**

MAJOR ACTIVITY	PERSON(S) RESPONSIBLE	PROGRESS REPORT 1 (NOV. 2006)	PROGRESS REPORT 2 (MAR. 2007)	PROGRESS REPORT 3 (MAY 2007)
IV.4.1. Continuously review, update, and promote technology Administrative Regulations and Board Policies to support instructional and operational best practices.	Asst. Superintendent for Technology Services, Exec. Dir. of Information and Infrastructure Services	Created and published four new Administrative Regulations pertaining to e-mail usage and retention, security of mobile technology, destruction of records (TEC-08, TEC-09, TEC-10, TEC-11).	<p>Collaborated with Administration in the development of a new regulation, Portable Building Relocations.</p> <p>Reviewed and took action (block or unblock) on approximately 20 websites per month in accordance with the Internet Safety Committee.</p> <p>Provided the School Board with an update on progress made with Elert/NISD Technology Master Plan 2002-2010 and the Texas Long Range Plan for Technology 2006-2020.</p>	<p>Received Cabinet approval for recommended updates to Technology Administrative Regulations (TEC-01, TEC-08).</p> <p>Reviewed and took action (block or unblock) on approximately 40 websites per month in accordance with the Internet Safety Committee.</p>
IV.4.2. Collaborate with all stakeholders to develop, implement, and promote improved procedures and practices for ensuring data	Asst. Superintendent for Technology Services, Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Information Services	Provided 33 Q.U.A.D. workshops for data entry personnel.	Provided 13 Q.U.A.D. workshops for data entry personnel.	Facilitated nine Q.U.A.D. workshops for data entry personnel.

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quality and accuracy.		<p>Modified campus names to the new standard naming convention in most information systems.</p> <p>Changed course classifications in CMS for all 6th grade courses and CATE courses to ensure accurate data retrieval.</p> <p>Initiated, with assistance from the Business Office, a credit card payment option to meet needs of the community for transcripts and open records requests.</p>	<p>Conducted PEIMS data review with Instructional Directors and Cabinet.</p> <p>Facilitated periodic meeting of the Elementary and Secondary Gradebook Committees to facilitate data quality and support implementation.</p>	<p>Provided 14 master schedule training sessions to secondary campus administrators.</p> <p>Planning a new summer training program for Attendance Secretaries.</p>
IV.4.3. Collaborate with all stakeholders to continuously review and update technology, audio/visual, and facility design standards to support instructional and operational best practices.	Asst. Superintendent for Technology Services, Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Infrastructure Services, Dir. of Technology Acquisitions and Project Management, Dir. of Library and Textbook Services, Dir. of Academic Technology Services	<p>Participated in facility design review meetings for new schools and classroom additions.</p> <p>Continued review and recommendations to migrate toward digital technology with all A/V resources.</p> <p>Relocated the Records Management warehouse to the Richland Hills location.</p> <p>Provided design and implementation quote to reconfigure NAC projection systems.</p>	Participated in facility design review meetings for new schools and classroom additions.	<p>Participated in facility design review meetings for new schools and classroom additions.</p> <p>Reviewed, revised, and obtained Senior Staff approval for revised TV standards for new elementary and middle schools.</p> <p>Planning for A/V deployment, according to new standards, at three new schools opening in the fall.</p>

◆ **Objective 5. Provide and sustain a secure, robust, reliable, and flexible infrastructure that ensures multi-directional accessibility, links fully equipped facilities, and supports current, new, and emerging technologies.**

MAJOR ACTIVITY	PERSON(S) RESPONSIBLE	PROGRESS REPORT 1 (NOV. 2006)	PROGRESS REPORT 2 (MAR. 2007)	PROGRESS REPORT 3 (MAY 2007)
IV.5.1. Acquire and implement a new district Data Warehouse.	Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Information Services, Dir. of Integrated Infrastructure Services, Dir. of Technology Acquisitions and Project Management, Dir. of Technology Training and Development Services	<p>Formed cross-departmental team and provided initiative kick-off presentation to district personnel Oct 25, 2006.</p> <p>Published the Data Warehouse Initiative website, a resource for team members.</p> <p>Scheduled The Data Warehousing Institute to provide training on Nov 17, 2006.</p> <p>Continuing research and discovery phase.</p>	<p>Hired a Data Services Coordinator (new position).</p> <p>Collected information from other school districts across the United States via an online survey.</p> <p>Began compiling a “requirements bank” for team review.</p> <p>Developed questionnaires to assist with determining priorities for a pilot to include in the RFP, as well as defining critical data needs.</p>	<p>Distributed staff questionnaires to assist with determining priorities for a pilot to include in the RFP, as well as defining critical data needs.</p> <p>Conducted team meeting and established meeting schedule.</p> <p>Began advertising Data Services Coordinator position to fill the vacancy left by incumbent.</p>
IV.5.2. Acquire and implement a district Document Management System.	Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Information Services, Dir. of Integrated Infrastructure Services, Dir. of Technology Acquisitions and Project Management, Dir. of Technology Training and Development Services	<p>Formed cross-departmental team and facilitated three team meetings.</p> <p>Continuing research and discovery phase for new system.</p> <p>Completed 77 requests for the retrieval of 155</p>	<p>Collected information from other school districts across the United States via an online survey.</p> <p>Investigating e-mail archiving products which are offered as part of an Electronic Document Management Systems, as well as those that are not.</p>	<p>Conducted product review of e-mail archiving products that are compatible with Novell Groupwise.</p> <p>Picked up 1,392 boxes of records and delivered to the Records Warehouse.</p>

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		<p>official records.</p> <p>Processed 255 telephone/written verifications, 662 requests for transcripts and 38 requests from other departments for records from microfilm.</p> <p>Shredded 73,396 pounds of records.</p>	<p>Completed 112 requests for the retrieval of 150 official records.</p> <p>Processed 409 telephone/written verifications, 583 requests for transcripts and 23 requests from other departments for records from microfilm.</p> <p>Conducted customized records retention training with Career & Technology.</p>	
<p>IV.5.3. Continuously review and implement infrastructure security enhancements in order to provide uninterrupted services, as well as secure district data and information systems. (e.g., disaster recovery, security assessments, redundant site)</p>	<p>Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Infrastructure Services, Dir. of Integrated Information Services</p>	<p>Installed server racks and procured initial network equipment (voice and data) required for first phase of redundant site build-up.</p> <p>Implemented clustering solution for NetStorage system that provides transparent, automatic failover support for system.</p> <p>Deployed security software updates for desktop pc's, servers, and networking equipment to address newly announced security vulnerabilities.</p> <p>Reviewed and revised access rules on district's network firewall.</p> <p>Continuing to develop technical documentation for network design.</p> <p>Developed design for enhanced redundancy of VoIP phone system.</p> <p>Brought new enterprise backup library online and converted 90 servers to back up to the new system to-date.</p> <p>Reviewing options for an Intrusion Prevention System to replace old Intrusion Detection technology.</p> <p>Researching solution for a District Network Access Control system to address internal District-wide security needs that also prepare us for the new wireless high school.</p> <p>Redefined patch evaluation and testing processes.</p> <p>Posted Integrated Security Management System</p>	<p>Configured Lotus Notes Domino Servers to run in a clustered environment.</p> <p>Continuing Groupwise upgrade/consolidation project to provide higher system availability, reduce overall costs, and position the District for e-mail records retention.</p> <p>Reviewed and updated District Access Control Lists on all switches and routers.</p> <p>In the process of battery replacement for all VoIP uninterrupted power supply equipment.</p> <p>Continuing conversion of servers to back up to new enterprise tape library (ongoing).</p> <p>Completed Novell Network account renaming project (E number conversion).</p> <p>Deployed Daylight Savings Time patches to over 200 servers and switches, as well as more than 20,000 desktop computers.</p> <p>Working on solution to seamlessly synchronize Active Directory and eDirectory accounts.</p> <p>Deployed security software updates for desktop computers, servers, and networking equipment to address newly announced security vulnerabilities.</p> <p>Acquired and are in the process of configuring a new Intrusion Prevention System which will provide more visibility into network traffic, and</p>	<p>Acquired and began implementation of an Intrusion Prevention System (Sourcefire) that provides more visibility into network traffic, and the ability to respond effectively to security issues occurring across the network.</p> <p>Evaluating several Internet filtering security solutions for a more effective, secure solution to meet the varying needs of the district.</p> <p>Established a district solution for shredding computer hard drives in-house before they leave the district for auction in order to better secure district data.</p> <p>Continuing Groupwise upgrade/consolidation project to provide higher system availability, reduce overall costs, and position the district for e-mail records retention; consolidation to begin on June 4, 2007.</p> <p>Continued UPS battery replacements for VoIP equipment.</p> <p>Continuing conversion of servers to back up to new enterprise tape library (ongoing).</p> <p>Implemented solution to synchronize Active Directory/eDirectory accounts in preparation for Active Directory migration.</p> <p>Implemented user authentication requirement for BCHS students (and some staff) when accessing internet from non-NISD locations.</p>

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		<p>reference documents for campus administrators on Administrator Resource web page.</p> <p>Working with C&I, and Academic Technology Services, to develop solutions for security issues with instructional applications (Boardmaker, NetSupport School, etc.).</p> <p>Implemented improved SPAM filtering processes.</p>	<p>also provide the ability to respond effectively to security issues occurring across the network.</p> <p>Evaluating several Internet filtering security solutions for a more effective, secure solution to meet the varying needs of the District.</p> <p>Researching possible solutions for shredding computer hard drives as they leave the District for auction in order to secure the data.</p>	
<p>IV.5.4. Continue procurement and implementation of district-standard and emerging hardware and software through efficient, user-friendly, and cost-effective processes. (e.g., campus technology life-cycle upgrades, tablet PCs, MP3 players, handheld computing devices)</p>	<p>Asst. Superintendent for Technology Services, Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Infrastructure Services, Dir. of Technology Acquisitions and Project Management, Dir. of Library and Textbook Services, Dir. of Integrated Information Services, Dir. of Academic Technology Services</p>	<p>Evaluating the following types of new technology:</p> <ul style="list-style-type: none"> • Tablet PC's • Smartphones • LCD TV's • New interactive whiteboard technology • Library audiobooks for MP3 players • New printer models <p>Deployed technology to four new elementary campuses.</p> <p>Completed technology equipment installation for 80 portable moves.</p> <p>Replaced video cards in 1,000 recently purchased Dell 620 PCs.</p> <p>Replaced scanners and terminals at ES cafeterias.</p> <p>Provided technical assistance and configuration support for integrated security management system project.</p> <p>Completed membership requirements for the Region 20 Purchasing Cooperative; saved over \$10,000 on first acquisition.</p> <p>Continued to collect and repurpose 70+ older computers to elementary intervention initiatives, high school credit retrieval, middle school Technology Applications.</p> <p>Completed installation of International Language Lab at O'Connor HS.</p> <p>Managed district technology bids, quotes and</p>	<p>Completed delivery of 38 Tablet PCs to NISD Department Staff.</p> <p>Researched new Video Card for Dell Optiplex systems that can be installed at Dell Factory, eliminating the requirement for 3rd party installation and reduce delivery time.</p> <p>Evaluating TV Tuner Cards for teacher workstations (part of conversion from TV's to projectors in classrooms).</p> <p>Completed evaluation of new Dell Optiplex model (GX 745).</p> <p>Facilitated technology redeployment meetings for four elementary schools, coordinating and developing schedules, software lists, etc.</p>	<p>Developing new customer-driven process for the evaluation, acquisition, and installation of new hardware and software; tentative rollout Fall 2007.</p> <p>Facilitated technology redeployment meetings for four elementary schools, coordinating and developing schedules, software lists, etc.</p> <p>Continually evaluating new technologies such as:</p> <ul style="list-style-type: none"> • Cisco wireless phones as a possible solution for campus-based communications requirements • Smartphones • Flat-panel televisions • New interactive whiteboard technology • New printer models • New laptop models • New digital projectors <p>Received approval to move forward with Active Directory network operating system initiative that will result in the migration away from Novell Netware to Microsoft Active Directory district-wide for various network services (e.g. file/print).</p> <p>Acquired and installed additional file/print servers for server consolidation (part of Active Directory Migration project) that will begin in summer 2007.</p> <p>Acquired and installed HTTP Commander software as possible solution to provide staff</p>

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		<p>acquisitions, working with vendors to ensure strategic pricing positions are achieved.</p> <p>Maintained acquisitions website to include updates to technology equipment and recommendations.</p>		<p>members at Active Directory campuses access to files from home; tentative rollout in Fall 2007.</p> <p>Launched pilot of Groupwise Instant Messenger (in Technology Services) that provides a 'closed' IM system for communications among NISD staff; tentative rollout to Cabinet members in Summer 2007.</p> <p>Completed pilot for a wireless communications system (Vocera) at Holmes, BCHS, Excel, and Esparza; determined system did not fully meet the communications needs of administrators, so pursuing other communications options.</p>
<p>IV.5.5. Develop and/or procure, implement, and support software solutions and system interfaces to meet instructional and operational needs. (e.g., bank reconciliation, CMC tracking, online pre-payment system)</p>	<p>Dir. of Integrated Information Services, Dir. of Integrated Infrastructure Services, Dir. of Technology Acquisitions and Project Management, Dir. of Library and Textbook Services, Dir. of Academic Technology Services</p>	<p>Expanded Parent Connection, to include daily grades and attendance for all students in grades 1-12, CMS information (academic and enrollment data, demographic data, and assessment data) for grades K-12, and news especially for parents.</p> <p>Implemented, in collaboration with Child Nutrition, the Cybersoft free/reduced application processing system.</p> <p>Developed a staff import interface to the Kronos system.</p> <p>Created a website for supervisors to review status of employee's completion of yearly HR requirements and online training courses.</p> <p>Collaborating with Child Nutrition for future implementation of point-of-sale software.</p> <p>Exploring options for online payment system for use by multiple district departments.</p> <p>Updated National Merit database and web pages for counselors' use.</p>	<p>Completed online Course Request data collection process for Jay HS and Pease MS.</p> <p>Assisted Human Resources with the implementation of the online Classified Application.</p> <p>Assisted with the data collection for the annual Datamatch Medicaid project.</p> <p>Made changes to the online TPRI/Tejas Lee screens to better integrate with CMS.</p> <p>Developed online database for campus submission of CMS training plans/timeframes.</p> <p>Created online tool for staff members to review monthly Nextel cell phone usage bills; will be presented to Cabinet prior to providing user access.</p> <p>Collaborating with the Communications Department/Print Shop and Business Office to develop online order forms for printing services.</p>	<p>Successfully completed pilot of internally developed N-Time (student check-in/out product) in the CMC labs.</p> <p>Developed online application with HR and Payroll for returning substitutes to reactivate their status and update necessary data.</p> <p>Developed online application with the Communications Department/Print Shop and Business Office to develop online order forms for printing services.</p> <p>Assisting the Payroll and Accounts Payable Departments with the implementation of a MICR check printing solution.</p> <p>Collaborated with Child Nutrition Services on implementation (connectivity, server, software, hardware, training, project management) of pilot for a new point-of-sale system for cafeterias at five campuses.</p> <p>Completed upgrade of the Winocular system.</p>

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		<p>Updated Scholarship database and reports for HS and Central Office use.</p> <p>Implemented redesign of District School Improvement Plan online database.</p> <p>Designed and developed online databases to track CMS training dates at campuses.</p> <p>Created an online system for High School Career and Technology teachers to collect CATE information for internal and PEIMS use.</p> <p>Assisted with necessary changes to the HR and Payroll system to comply with HB 1.</p> <p>Created a gradebook/report card application for EE and KG teachers.</p> <p>Created the data interface for Gradespeed, the elementary gradebook application.</p> <p>Developing an Exit Survey instrument for the Human Resources department.</p> <p>Developing a new version of the Technology Proposal system.</p> <p>Assisting the Payroll and Accounts Payable departments with the implementation of a MICR check printing solution.</p> <p>Creating a system to track time students spend in the CMC lab.</p> <p>Assisting the Finance department with the implementation of the Mindsphere bank reconciliation system.</p> <p>Developing in-house solution (proof-of-concept) to monitor network performance using open-source software (Nagios).</p> <p>Upgraded technology workorder system.</p> <p>Installed off-line archiving module for Kronos time and attendance system that will increase system efficiency.</p> <p>Implemented security changes to the Winocular</p>	<p>Implemented an online Exit Survey instrument for the Human Resources department.</p> <p>Assisting the Payroll and Accounts Payable Departments with the implementation of a MICR check printing solution.</p> <p>Created and implemented a system (N-Time) to track time students spend in the CMC lab.</p> <p>Assisted the Finance Department with the implementation of the Mindsphere bank reconciliation system.</p> <p>In collaboration with Administration, providing support (wireless access, servers, software, project management) for a wireless communications system (Vocera) at Holmes, BCHS, Excel, and Esparza (go-live tentatively planned for April 1).</p> <p>Collaborating with Child Nutrition Services on implementation (connectivity, server, software, hardware, training, project management) of a new point-of-sale system for cafeterias, to be piloted at five campuses beginning April 9.</p> <p>Working in partnership with HR on hardware and software upgrades for Winocular system.</p> <p>Installed and configured Software Inventory System at Wanke, Mead, Fisher, & Murnin.</p>	<p>Collaborating with the Transportation department on the upgrade of the Transfinder system.</p> <p>Designed a new method to maintain elementary student schedules and collaborated with Region 20 to implement the changes into their Student Information System.</p> <p>Assisted the Counseling department with setting up the credit tracking portion of the iTCCS Four Year Plan sub-system.</p> <p>Assisted the HR department with setting up online application for Classified personnel within the Winocular system.</p> <p>Made changes and supported the online collection of TPRI/Tejas Lee data; uploaded data to CMS and eGrade.</p> <p>Creating process to collect pertinent student data to assist with campus cap situations.</p> <p>Collaborating with Adult and Community Education on City of San Antonio's Single Portal of Entry (Kid First) initiative's data and system requirements.</p> <p>Deployed CutePDF software package to all teacher workstations district-wide as standard open source PDF maker in support of Curriculum Management System Outreach module.</p> <p>Planned and purchased hardware to upgrade Cognos system; planned for Summer 2007.</p> <p>Collaborating with Payroll Department to support Kronos Version upgrade planned for June 2007.</p> <p>Continuing work on installation of Records Manager module for Kronos application.</p>

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		system to ensure authorized access.		Planned Moodle (learning management system) upgrade to Version 1.8 platform in Summer 2007.
<p>IV.5.6. Refine requirements and plan for a new Business/HR Information System.</p>	<p>Asst. Superintendent for Technology Services, Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Information Services, Dir. of Integrated Infrastructure Services, Dir. of Technology Acquisitions and Project Management</p>	<p>Formed cross-departmental team and facilitated three team meetings.</p> <p>Published the Business/HR Information Management System Initiative website, a resource for team members.</p> <p>Prepared online survey of Texas and large US school districts to gather feedback.</p> <p>Continuing research and discovery phase.</p>	<p>Hired a new Senior Systems Analyst (existing position) to provide implementation support..</p> <p>Collected information from other school districts across the United States via an online survey.</p> <p>Hosted several vendor presentations and gathered team feedback as part of the discovery process.</p> <p>Began compiling a “requirements bank” for team review.</p>	<p>Functional team areas reviewing “requirements bank” entries, and then presenting updates at team meetings. Target for RFP release: week of July 9, 2007.</p>
<p>IV.5.7. Continuously research, design, and implement network (voice, video, and data) enhancements and management systems to meet instructional and operational needs. (e.g., wireless infrastructure, WAN architecture/equipment changes, video streaming, VoIP system upgrade)</p>	<p>Exec. Dir. of Information and Infrastructure Services, Dir. of Integrated Infrastructure Services, Dir. of Integrated Information Services</p>	<p>Began infrastructure upgrades (hardware) for Groupwise 7.0 software upgrade and consolidation project.</p> <p>Based on recommendations from internal telecommunications audit, removed long distance service from all classrooms and most common area telephones district-wide.</p> <p>Piloting network management module that controls PC power management settings at Wanke ES; if successful, great potential for savings on the District’s electric bill.</p> <p>Piloting Active Directory environment for BCHS and four new elementary schools.</p> <p>Developed plan for campus wireless local area network (WLAN) options at other magnet high schools, and all District campuses.</p> <p>In early planning stages of consolidating support for district cellular phone service within Technology Services.</p>	<p>Developing proof of concept for using open source Network Management Software (Nagios) (ongoing).</p> <p>Added storage space to United Streaming System in preparation for additional content.</p> <p>Expanded power management pilot to Fisher, Mead, Murnin, and BCHS.</p> <p>Planned and ordered equipment for wireless upgrades for Holmes/BCHS, Esparza ES, NAC, NLC, and C.O.</p> <p>Evaluated feasibility of Sprint/Nextel Custom Network Solution to provide communication devices to campus administrators.</p> <p>Consolidated district cellular phone service support/oversight under Technology Services.</p> <p>Retired IPX protocol at BCHS; will expand to more campuses (20-30) over summer.</p>	<p>Evaluating lower cost switches for use in portable buildings/classrooms to support data communications.</p> <p>Preparing to deploy a wireless network at all campuses (Bond 2004 funding; target completion date December 2008).</p> <p>Released RFP for miscellaneous technology services to support consultant and other contract services needs; proposals due May 30, 2007.</p> <p>Continuing to pilot power management settings on desktop PCs at Fisher, Mead, Murnin, and Wanke.</p> <p>Installed wireless LAN infrastructure at Esparza and expanded coverage at Holmes, Central Office, and NLC.</p> <p>Continuing WAN Conversion project.</p> <p>Continuing to work with Special Campuses</p>

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				<p>(South Texas Academy and Southwest Mental Health) to provide solution for increased bandwidth to support increasing instructional requirements.</p> <p>Purchased additional Storage Area Network drives and space in support of new schools, new applications (e.g. secondary gradebook), and server consolidation projects.</p>