

## **NORTH EAST ISD Technology Plan for E-Rate Year 11**

2008 - 2011

RICHARD MIDDLETON  
SUPERINTENDENT

### **DISTRICT PROFILE**

ESC Region: 20

City, State Zip: SAN ANTONIO, TX 782176225

Phone: (210) 804-7000

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Number of Campuses: 70

Total Student Enrollment: 61942

District Size: 50,000 and over

Percent Econ. Disadvantaged: 39.60%

Technology Expenditures: \$67,689,440.00

- Teaching and Learning Budget: \$23,044,129.00

- Educator Preparation and Development Budget: \$1,846,621.00

- Leadership, Administration and Support Budget: \$11,390,139.00

- Infrastructure for Technology Budget: \$31,408,551.00

Technology Expenditure Per Pupil: \$1,092.79

Number of Campuses with Direct Connection to Internet: 70

Percentage of Campuses with Direct Connection to Internet: 100.00%

Number of Classrooms with Direct Connection to Internet: 4112

Percentage of Classrooms with Direct Connection to Internet: 100.00%

Computer/Student Ratio: 4 student(s) for every computer

Computer/Teacher Ratio: 1 teacher(s) for every computer

Number of campuses that need to complete the Texas Campus STaR Chart: 69

Percentage of campuses that have completed the Texas Campus STaR Chart: 100.00 %

### **PLAN INTRODUCTION**

Plan Last Edited: 01/08/2008

Technology Planning Committee:

Kathy Stokinger - Wood Middle School

Rebecca Adams - Educational Technology Department

Chris Adams - Krueger Middle School

Victoria Alford - Oak Grove Elementary

Tracy Anderson – Career and Technology Department

Gerald Baldridge - Educational Technology Department

Misty Belmontez - Educational Technology Department

Diana Bennett – Human Resources Department

Pam Berry - Educational Technology Department

Christine Bonilla - Educational Technology Department

Michelle Wallish - Northwood Elementary School

Nancy Brischke - Curriculum/Instruction Department

John Cadena - Research & Information Department  
Juvenal Villarreal - MacArthur High School  
Donna Campano - Clear Spring Elementary  
Susan Carlson - Educational Technology Department  
Jennifer Santellan - Olmos Elementary  
Sylvia Villarreal - Driscoll Middle School  
Christine Mahaney - Jackson Middle School  
Marge Dunlap - Churchill High School  
Jan Jenkins - Madison High School  
Steven Emilienburg - Management Information Services  
Raul Estrada - Lee High School  
Jessica Powell - Educational Technology Department  
Christine Polensky - Nimitz Middle School  
Marian Hubbard - Castle Hills Elementary  
Jenne Finke – Huebner Elementary  
Cindy Glenn – Stone Oak Elementary  
Terry Grundy – Special Education Department  
Virginia Guerrero – Curriculum & Instruction Department  
Janna Judd-Hawkins – Curriculum and Instruction Department  
Joni Milanovich – Roosevelt High School  
Janice Higdon – Wood Middle School  
Carmen Magallan – Fox Run Elementary  
James Hoyer – Educational Technology Department  
Diana Hughes – Garner Middle School  
Christine Mahaney – Jackson Middle School  
Don Greenwood – Encino Park Elementary  
Cindy Joor – Educational Technology Department  
Randy Kilian-Smith – Educational Technology Department  
Stacey Knudson – Hardy Oak Elementary  
Jeff Kurth – Research Department  
Kacie Germadnik – Bulverde Creek Elementary  
Eric McGarrah – Curriculum & Instruction Department  
Monica Cantu – Royal Ridge Elementary  
Thomas Johnson – Educational Technology Department  
Amanda Taylor – Bush Middle School  
Dave Mullinix – Educational Technology Department  
Derek Nichols – Educational Technology Department  
Suzanne Bubel – Northern Hills Elementary  
Janet Henry – Redland Oaks Elementary  
Elizabeth Platt - Career and Technology  
Susan Reeves – Educational Technology Department  
Barbara Rios – Reagan High School  
Donette Sis – Educational Technology Department  
Glenda Speer - Educational Technology Department  
Becky Stoughton – Community Education Department  
Bill Sturgis – Engineering Tech. Academy  
Sharon Swarner – Library Services Department  
Judy Utley – Special Education Department  
Terri Strode – Hidden Forest Elementary

## EXECUTIVE SUMMARY

The North East Technology Plan was developed over the course of several months by many District stakeholders using multiple resources. Instead of being a static plan for purchasing equipment, running wires, and training people on the latest software, the plan will serve as a dynamic blueprint for providing students and teachers with tools to gain the knowledge and skills required for teaching, learning, and working in the twenty-first century.

The North East Technology Plan outlines the goals, objectives, and strategies that are necessary to support the District's goal of improving instruction for all students by creating engaging activities, programs, tasks, assignments, and opportunities that result in high levels of student achievement. This plan is based on the four key areas of the Texas Long-Range Plan for Technology and is aligned with No Child Left Behind and E-Rate criteria. The four goals are:

1. Improve academic achievement, including technology literacy, of all students through the integration of technology into curriculum, instruction, and assessment.
2. Increase the capacity of educators to integrate technology effectively into curriculum, instruction, and assessment through ongoing, sustained, high quality professional development.
3. Increase the level of instructional, technical, and administrative support of the integration of technology into curriculum, instruction, and assessment through planning, budgeting, and funding.
4. Increase the level of student and teacher support and access to commonly used, specialized, new and emerging technologies, including but not limited to computers, the Internet, and network resources.

Objectives and strategies to support the goals of the North East Technology Plan are based on assessment data from Technology Excellence Indicator System Surveys, Campus School Technology and Readiness Charts, and feedback from the Educational Technology Steering Committee.

Finally, the primary intent of the North East Technology Plan is to focus on the education of children. In the past, multiple behind-the-scenes components have been in place in the District to assure the education of children. With the advent of technology, this has not changed. The human infrastructure is the most important component. Now the only difference is that more wires, cables, and equipment have been added. However, it is still the human infrastructure that will ensure how well the technology infrastructure serves all students.

## NEEDS ASSESSMENT

**Assessment Process:** Several assessment tools were used to analyze recent trends, determine the current status of technology in the District and establish future needs. Of the various assessments utilized, the Texas Campus School Technology and Readiness (STaR) Chart and the North East ISD Educator Technology Standards have provided the most feedback on what is working well and what areas are in need of improvement. Each campus completes a STaR Chart annually. Items analyzed by the STaR chart included teaching and learning, educator preparation and development, administration and support services, and infrastructure for technology. In the spring of 2006, the Educational Technology Steering Committee provided feedback on what is working well and what needs improvement in each of the four key areas of the STaR Chart, how technology can help accomplish what is not currently possible, and what a 21st century classroom needs to look like.

The North East ISD Educator Technology Standards are delineated into three levels of proficiency: Foundations, Basic and Intermediate. The timeline for North East Educators to achieve proficiency in each level of the NEISD Educator Standards is as follows: Foundations (2006-2008); Basic (2007-2009) and Intermediate (2008-2010). In addition to the assessment tools mentioned above, the District continuously monitors and adjusts current initiatives to meet the needs of students, staff, parents, and community members.

## Existing Conditions:

## District-Wide

- Direct connection to the Internet via 100 MB Ethernet carrier
- 1 GB fiber backbone between central office and hub campuses
- 100 MB full duplex backbone between hub campuses and campuses connected to the hub campuses
- Centralized Mainframe providing access to student and staff information
- Basic and Long Distance telephone services to all campuses
- District Internet and Intranet servers in place providing district information
- Streaming Video servers providing instructional and professional development videos on demand
- Written policies on acceptable use of the electronic communications network (Internet, Intranet, Email, Mainframe, Novell, etc.)
- Electronic mail for all appropriate district employees
- Computerized card catalog, Internet Access, and Online Reference Databases in each library
- At least four network drops in each classroom
- At least two computers in every classroom (2000 & 2002) with the exception of the 4 newest elementary schools where a single classroom laptop is being piloted.
- At least one laser printer per six classrooms (2000)
- At least one data projector per six classrooms (2002)
- One television in every classroom (2002) with the exception of the 4 new elementary schools, two new middle school, and parts of several other schools where televisions have been replaced with ceiling mounted projectors/speakers in each instructional classroom.

We currently have all of our schools in hub configurations that consist of multiple campuses. Each hub uses a combined file/print/DNS/email SAN configuration. Each of these campuses still has a DHCP server that also provides caching. All campuses have the configurations listed below:

## High Schools

- 100 MB switched network access to the desktop
- Standardized instructional load including Microsoft Office Professional with FrontPage, Microsoft Publisher, Microsoft Works, Inspiration, Geometer's Sketchpad, Graphic Analysis, Scion Image, Irfanview, LoggerPro, Graph Link, and Green Globes
- At least eleven computers, one color laser printer, one B&W laser printer in the library
- At least twelve wired computer labs (30 Pentium desktop computers, one projector, two scanners, two B&W laser printers, two digital cameras)
- At least one wireless computer lab (30 Pentium laptop computers, one projector, one scanner, one B&W laser printer, one digital camera, one digital video camera)
- One Proxy server for caching

## Middle Schools

- 100 MB switched network access to the desktop
- Standardized instructional load including Microsoft Office Professional with FrontPage, Microsoft Publisher, Microsoft Works, Inspiration, Geometer's Sketchpad, Graphic Analysis, Scion Image, Irfanview, LoggerPro, Graph Link, and Green Globes
- At least nine computers, one color laser printer, one B&W laser printer in the library
- At least three wired computer labs (30 Pentium desktop computers, one projector, two scanners, two B&W laser printers, two digital cameras)
- At least one wireless computer lab (30 Pentium laptop computers, one projector, one scanner, one B&W laser printer, one digital camera, one digital video camera)
- One Proxy server for caching

## Elementary Schools

- At least 100 MB hubbed network access to the desktop

- Standardized instructional load including Microsoft Office Professional with FrontPage, Microsoft Publisher, Microsoft Works, Kidspiration, and KidPix
- At least seven computers, one color laser printer, one B&W laser printer in the library
- At least two wired computer labs (27 Pentium desktop computers, one projector, two scanners, two B&W laser printers, two digital cameras)
- At least one wireless computer lab (15 Pentium laptop computers, one projector, one scanner, one B&W laser printer, one digital camera, one digital video camera)
- One Proxy server for caching

#### Inventory:

The latest inventory of current laptop, desktop and tablet computers available for teacher and student use in North East Independent School District as of October 2007 is provided in the chart below.

Lee/NESA High School

Number of Students: 2091

Total Computers: 1537

MacArthur High School

Number of Students: 3217

Total Computers: 1348

Churchill High School

Number of Students: 2957

Total Computers: 1342

Roosevelt/DATA High School

Number of Students: 2557

Total Computers: 1676

Madison High School

Number of Students: 3786

Total Computers: 1607

Alt. High/HSRC

Number of Students: 59

Total Computers: 72

Reagan High School

Number of Students: 3393

Total Computers: 1418

ACE High School

Number of Students: 121

Total Computers: 120

ISA High School

Number of Students: 464

Total Computers: 221

North East Alternative Center

Number of Students: 2

Total Computers: 141

Eisenhower Middle School

Number of Students: 1150

Total Computers: 429

Garner Middle School

Number of Students: 900

Total Computers: 446

Krueger Middle School

Number of Students: 1157

Total Computers: 638

Nimitz Middle School

Number of Students: 858

Total Computers: 541

Jackson Middle School

Number of Students: 908

Total Computers: 483

White Middle School

Number of Students: 1,012

Total Computers: 625

Wood Middle School

Number of Students: 1,024

Total Computers: 444

Bradley Middle School

Number of Students: 1,262

Total Computers: 491

Driscoll Middle School

Number of Students: 1,027

Total Computers: 533

Bush Middle School

Number of Students: 1,035

Total Computers: 450

Tejeda Middle School

Number of Students: 1,394

Total Computers: 514

Harris Middle School

Number of Students: 1,331

Total Computers: 368

Lopez Middle School

Number of Students: 984

Total Computers: 368

Alt.Middle MS.SRC  
Number of Students: 38  
Total Computers: 49

Castle Hills Elementary  
Number of Students: 510  
Total Computers: 272

Coker Hills Elementary  
Number of Students: 824  
Total Computers: 327

Colonial Hills Elementary  
Number of Students: 749  
Total Computers: 358

Dellview Elementary  
Number of Students: 410  
Total Computers: 240

East Terrell Hills Elementary  
Number of Students: 605  
Total Computers: 336

Harmony Hills Elementary  
Number of Students: 657  
Total Computers: 250

Jackson Keller Elementary  
Number of Students: 676  
Total Computers: 311

Larkspur Elementary  
Number of Students: 797  
Total Computers: 303

Northwood Elementary  
Number of Students: 411  
Total Computers: 195

Oak Grove Elementary  
Number of Students: 441  
Total Computers: 244

Olmos Elementary  
Number of Students: 753  
Total Computers: 371

Ridgeview Elementary  
Number of Students: 585  
Total Computers: 330

Serna Elementary  
Number of Students: 500  
Total Computers: 263

Walzem Elementary  
Number of Students: 663  
Total Computers: 440

West Ave. Elementary  
Number of Students: 446  
Total Computers: 248

Wilshire Elementary  
Number of Students: 363  
Total Computers: 260

Windcrest Elementary  
Number of Students: 720  
Total Computers: 226

Camelot Elementary  
Number of Students: 566  
Total Computers: 288

Clear Spring Elementary  
Number of Students: 485  
Total Computers: 213

Regency Place Elementary  
Number of Students: 483  
Total Computers: 229

El Dorado Elementary  
Number of Students: 630  
Total Computers: 282

Montgomery Elementary  
Number of Students: 563  
Total Computers: 390

Hidden Forest Elementary  
Number of Students: 572  
Total Computers: 223

Woodstone Elementary  
Number of Students: 834  
Total Computers: 321

Stahl Elementary  
Number of Students: 1,051  
Total Computers: 326

Thousand Oaks Elementary

Number of Students: 850

Total Computers: 348

Northern Hills Elementary

Number of Students: 710

Total Computers: 311

Redland Oaks Elementary

Number of Students: 591

Total Computers: 267

Encino Park Elementary

Number of Students: 932

Total Computers: 297

Fox Run Elementary

Number of Students: 785

Total Computers: 312

Oak Meadow Elementary

Number of Students: 490

Total Computers: 296

Stone Oak Elementary

Number of Students: 816

Total Computers: 355

Longs Creek Elementary

Number of Students: 903

Total Computers: 390

Huebner Elementary

Number of Students: 852

Total Computers: 317

Hardy Oak Elementary

Number of Students: 977

Total Computers: 417

Wetmore Elementary

Number of Students: 921

Total Computers: 392

Royal Ridge Elementary

Number of Students: 615

Total Computers: 232

Roan Forest Elementary

Number of Students: 1,151

Total Computers: 285

Canyon Ridge Elementary

Number of Students: 1,133

Total Computers: 198

Steubing Ranch Elementary

Number of Students: 939

Total Computers: 182

Bulverde Creek Elementary

Number of Students: 777

Total Computers: 160

Wilderness Oak Elementary

Number of Students: 1,097

Total Computers: 190

Total Number of Students: 61,980

Total Computers: 28,102

### **Technology Needs:**

Areas of need from the most recent Campus School Technology and Readiness Chart results include:

- Impact of Technology on Teacher Role and Collaborative Learning – Developing
- Patterns of Student Teacher Use – Developing
- Frequency/Design of Instructional Setting Using Digital Content – Developing
- Curriculum Areas – Developing
- Technology Applications TEKS Assessment – Developing
- Patterns of Student Use – Developing
- Content of Training – Developing
- Capabilities of Educators – Developing
- Leadership and Capabilities of Administrators – Developing
- Models of Professional Development – Developing
- Levels of Understanding and Patterns of Use – Early
- Technology Budget Allocated to Technology Professional Development – Early
- Vision and Planning – Advanced
- Technical Support – Early
- Instructional and Administrative Staffing – Developing
- Budget – Early
- Funding – Developing
- Students per Computer – Early
- Internet Access Connectivity/Speed – Target
- Distance Learning – Developing
- LAN/WAN – Target
- Other Technologies – Developing

NEISD has implemented a comprehensive technology proficiency assessment initiative in order to help certified professionals within the District meet SBEC and NCLB Technology Proficiency expectations. The initiative is comprised of three levels: Foundations, Basic, and Intermediate. Each assessment is administered through SKILLCHECK, which allows for the interactive assessment of skills pertinent to each level of proficiency. At the start of each school year, all certified professionals are asked to complete 3 proficiency goals that they wish to focus on for the year. These goals are intended to reference areas of need identified by the individual. Campus-specific results are accessed by the respective Campus Technology Committee who

develop Campus-Based Professional Development offerings to address the needs of the staff prior to test administration.

4,192 certified professionals submitted three goals each from the selection below:

Basic Operations (Editing)  
Basic Operations (File Management)  
Basic Operations (Mouse Practice)  
Basic Operations (Multimedia)  
Collaboration  
Communication  
Communication (Publishing / Portfolio)  
Database  
Database (Access)  
Desktop Publishing (MS Publisher)  
Desktop Publishing (Publisher)  
Graphic Organizers (Inspiration)  
Graphic Organizers (Kidspiration/Inspiration)  
Information Acquisition and Problem Solving  
Internet  
Internet (IE)  
Keyboarding  
Multimedia (Assorted)  
Multimedia (PowerPoint)  
Multimedia / Peripherals  
Multimedia / PowerPoint  
Networking  
Paint / Kid Pix  
Spreadsheet (Excel)  
Spreadsheet (MS Excel)  
Technology Terminology/Acceptable Use Policy (AUP)  
Web Authoring  
Word Processing  
Word Processing (MS Word)

To date, over 3,400 NEISD personnel have attempted the Foundations Assessment component of the NEISD Educator Standards. 94% have passed with a score of 70% or above.

Areas of need from the most recent Educational Technology Steering Committee feedback include:

Teaching and Learning:

- Curriculum Integration
- Graphing and Science Calculators
- Lesson Planning
- Student Standards

Educator Preparation and Development:

- Educator Standards
- Professional Development
- Learning Management

- Proficiency Incentives

Administration and Support Services:

- Administrator Standards
- Funding Sources
- Instructional Support
- PDAS – Handhelds

Infrastructure for Technology:

- Multimedia computers
- Printers
- Projectors
- Student Computers
- Teacher Computers
- Wireless Carts

## GOALS, OBJECTIVES, AND STRATEGIES

**Goal 1: Improve academic achievement, including technology literacy, of all students through the integration of technology into curriculum, instruction, and assessment.**

**Objective 1.1:** 100% of instructional staff will use effective strategies to improve academic achievement, including technology literacy, of all students.

Budget for this objective: \$3,109,300.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 04a 04b 07 09 11

**Strategy 1.1.1:** Integrate graphing calculators into 100% of Algebra I, Geometry, and Algebra II classrooms to support standards based instruction (TEKS).

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Classroom Teachers, Instructional Deans, Academic Deans, Instructional Division Assistant Directors, Coordinators and Specialists

Evidence: Teacher Lesson Plans aligned with the Scope & Sequence, NEISD Lesson Plan Database, DATA MANAGEMENT SYSTEM data management system resources, PDAS Observations, Walk-throughs, and Summative Conferences.

Comments:

LRPT Correlates: TL05, TL06, TL07, TL08, TL09

**Strategy 1.1.2:** Integrate scientific calculators into 100% of Biology I, Integrated Physics and Chemistry, and Chemistry classrooms to support standards based instruction (TEKS).

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Classroom Teachers, Instructional Deans, Academic Deans, Instructional Division Assistant Directors, Coordinators and Specialists

Evidence: Teacher Lesson Plans aligned with the Scope & Sequence, NEISD Lesson Plan Database, DATA MANAGEMENT SYSTEM data management system resources, PDAS Observations, Walk-throughs, and

## Summative Conferences.

Comments:

LRPT Correlates: TL05, TL06, TL07, TL08, TL09

**Strategy 1.1.3:** Integrate probe-based lessons into 100% of 7-8th Grade Mathematics and Science; Algebra I; Algebra II; Biology I; Physics; Integrated Physics and Chemistry; and Chemistry classrooms to support standards based instruction (TEKS).

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Classroom Teachers, Instructional Deans, Academic Deans, Instructional Division Assistant Directors, Coordinators and Specialists

Evidence: Teacher Lesson Plans aligned with the Scope & Sequence, NEISD Lesson Plan Database, DATA MANAGEMENT SYSTEM data management system resources, PDAS Observations, Walk-throughs, Science SCOPE meetings, and Summative Conferences.

Comments:

LRPT Correlates: TL05, TL06, TL07, TL08, TL09

**Strategy 1.1.4:** 100% of NEISD employees, students, and parents will sign and adhere to the NEISD Acceptable Use Policy.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Computer Service Center Staff, Data Processing Staff, Administrators, Teachers, Parents, Students

Evidence: All teachers and students have signed AUP forms on file. All AUPs are documented in the NEISD Student Information System.

Comments:

LRPT Correlates:

**Strategy 1.1.5:** The number of students in grades 4 - 5 meeting the North East Student Keyboarding Standards will increase based on pre- and post-test scores.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Teachers, Campus Administrators

Evidence: Data from pre- and post-test administration, observations by Educational Technology Staff.

Comments: The improvement in keyboarding will positively impact technology-dependent student products, efficiency of student time while in lab settings, and the technology literacy of these students.

LRPT Correlates: TL01, TL05, TL06, TL08, TL09, TL10, TL11, TL12, TL13

**Strategy 1.1.6:** Students in grades K-2 will improve in keyboard awareness, left and right hand orientation, and mouse skills through the integration of Kid Keys software and online resources into curriculum and instruction.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Administrators, Teachers

Evidence: Teacher lesson plans, teacher observation, and walk-throughs

Comments:

LRPT Correlates: EP05, TL01, TL05, TL06, TL07, TL09, TL10, TL11, TL12, TL13

**Strategy 1.1.7:** Professional development for all teachers in grades K-5 in best keyboarding practices will support teachers in the effective integration of technology with curriculum and instruction.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Teachers, Campus Administrators

Evidence: ATrain professional development records; students in grades K-5 will increase their awareness of keyboarding, as well as in their keyboarding proficiency level.

Comments: The keyboarding program will continue to identify and promote teaching strategies that integrate technology effectively into curriculum and instruction, based on a review of relevant research and leading to improvements in student achievement.

LRPT Correlates: EP05, TL01, TL05, TL06, TL07, TL09, TL10, TL11, TL12, TL13

**Strategy 1.1.8:** Instructional Technology Specialists will review relevant research and identify and promote teaching strategies that integrate technology effectively into curriculum and instruction.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Assistant Directors, Coordinators and Specialists

Evidence: Integrated Professional Development Offerings, Integrated Scopes and Sequences

Comments:

LRPT Correlates: EP01, EP03, EP05, EP07, EP08, LAS08, LAS10, TL02, TL07

**Strategy 1.1.9:** Instructional Technology Specialists will provide teachers, administrators, and librarians with ongoing, sustained, high quality professional development to further the effective use of technology in the classroom and library.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Coordinators, Assistant Directors and Specialists; Campus Administrators; Administrative Staff Development Staff.

Evidence: Professional Development Completion Rates; ATrain Professional Development Records; Professional Development Evaluations; Walkthroughs; Observations; NEISD Lesson Plan Database; DATA MANAGEMENT SYSTEM Data Management System Resources; Educational Technology Online Newsletters; Teacher Planning and Reflection forms

Comments:

LRPT Correlates: EP05, LAS10, TL05, TL07, TL11, TL12

**Strategy 1.1.10:** Automotive teachers will implement the Automotive Youth Educational Systems (AYES) Program.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Career and Technology Staff, Automotive Instructors, Automotive Academy Administrator

Evidence: Automotive Youth Educational Systems (AYES) Program at designated campus

Comments:

LRPT Correlates: EP01, EP03, EP04, EP05, EP07, EP08, TL11

**Strategy 1.1.11:** 100% of 3-8 teachers will use Scholastic Reading Inventory reports to inform instruction,

improve student academic achievement, and promote communication with parents.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Teachers, Assistant Principals, Campus Instructional Interventionist Teachers (IIT), Instructional Division Coordinators and Specialists, SSI Teachers

Evidence: DATA MANAGEMENT SYSTEM reports, mCLASS Campus and Teacher Summary Reports

Comments:

LRPT Correlates: EP05, TL06, TL07, TL08, TL12

**Strategy 1.1.12:** The number of students in grade 3 will work toward meeting the North East Student Keyboarding Standards based upon online resources and keyboarding exposure through observational evidence.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Teachers, Campus Administrators

Evidence: Observations by Educational Technology Staff and classroom teachers

Comments: The improvement in keyboarding will positively impact technology-dependent student products, efficiency of student time while in lab settings, and the technology literacy of these students.

LRPT Correlates: EP05, TL04, TL05, TL06, TL08, TL09, TL12

**Objective 1.2:** 100% of instructional staff will use appropriate advanced technologies that are aligned with challenging academic content and student achievement standards.

Budget for this objective: \$3,117,831.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01 ER02

NCLB Correlates: 02 04a 04b 07 12

**Strategy 1.2.1:** Develop coherent sequence of Technology Application and Career & Technology courses that count for graduation.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Career & Technology Staff, Educational Technology Staff, Technology Applications, Business Education, and Technology Education Teacher Representatives.

Evidence: Scope and Sequence, PDAS Observations, Walk-throughs, and Summative Conferences, Student Graduation Credits.

Comments:

LRPT Correlates: EP05, TL01, TL03, TL06, TL09, TL12

**Strategy 1.2.2:** Professional development will continue to be offered for the use of multimedia technology in order to achieve content delivery and technology integration within the instructional environment.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Teachers, Campus Administrators.

Evidence: Completion of training via ATrain course completion records; classroom observations to include PDAS walk-through, observations, and summative conferences.

Comments:

LRPT Correlates: TL06, TL07, TL09

**Strategy 1.2.3:** High school and middle school campuses will be provided software and training in order to provide Geographic Information Systems (GIS) capabilities for technology integration in the instructional setting in order to meet state Social Studies and Science content TEKS.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Assistant Directors, Coordinators and Specialists; Instructional Deans; Academic Deans; Middle School Social Studies and Science Teachers.

Evidence: Training attendance, Course Product development, Student Product development, Classroom observations and walk-throughs, Lesson plan database, Data Management System.

Comments:

LRPT Correlates: EP01, EP03, EP04, EP05, EP07, EP08, TL02, TL07

**Strategy 1.2.4:** High school and middle school teachers, trained with GIS will serve as mentor teachers for Social Studies and Science staff for the implementation and integration of GIS technology into the instructional setting in order to meet state Social Studies and Science content TEKS.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: (Social Studies) Curriculum and Instruction Staff; Instructional Division Assistant Directors, Coordinators and Specialists; Instructional Deans; Academic Deans; Middle and High School Social Studies and Science teachers.

Evidence: Training attendance, GIS Lesson development, Student Products, Classroom observations, Planning and Reflection form, Teacher Lesson Plans aligned with the Scope & Sequence, Data Management System, Lesson Plan Database

Comments:

LRPT Correlates: EP01, EP03, EP05, EP08, TL02, TL05, TL06, TL07, TL08, TL13

**Strategy 1.2.5:** Provide continuing Professional Development for Technology Applications and Career and Technology teachers in order to meet state standards for high school Technology Applications Graduation Credit and continuing Professional Development requirements.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Career and Technology Education Staff

Evidence: Staff Development attendance records, Planning and Reflection Form, Student Product development

Comments:

LRPT Correlates: EP01, EP03, EP05, EP08, TL02, TL05, TL06, TL07, TL08, TL13

**Strategy 1.2.6:** Upgrade Technology Applications and Career and Technology labs in order to meet state standards for High School Technology Applications Graduation Credit.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Computer Service Center Staff, Educational Technology Staff, Career and Technology Education Staff

Evidence: Purchase orders, technician logs

Comments:

LRPT Correlates: EP01, EP03, EP05, EP07, EP08, TL02, TL07

**Strategy 1.2.7:** Continue developing and expanding course offerings for the Engineering and Technologies Academy (Roosevelt High School)

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Career and Technology Staff, ETA Teachers

Evidence: PDAS Observations, Walk-throughs, and Summative Conferences

Comments:

LRPT Correlates: I02, I04, I05, I07, TL01, TL06, TL07, TL08, TL09

**Strategy 1.2.8:** Instructional Technology Specialists will provide teachers, students, administrators, and librarians with access to student email accounts (ePALS). The purpose will be to give students practice with email in coordination with content TEKS and provide another way for teachers to integrate technology in a meaningful context.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Coordinators, and Specialists; Campus Administrators; Teachers and Librarians

Evidence: Professional Development Completion Rates; ATrain Professional Development Records;

Professional Development Evaluations; Walkthroughs; Observations;

Comments: System Resources: Student online email program, Teacher Planning and Reflection forms

LRPT Correlates: EP02, EP04, TL05, TL06, TL07, TL08, TL09, TL12

**Strategy 1.2.9:** Instructional Technology Specialists will provide teachers, students, administrators, and librarians with access and exposure to Podcasting. The purpose will be to give students and teachers a real world way of publishing, products containing movies, audio and text in coordination with content area TEKS. It will provide a repository for teacher and student products that can be shared across the district. In addition it will provide another way for teachers to integrate technology in a meaningful context.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Coordinators, and Specialists; Campus Administrators; Teachers and Librarians

Evidence: Professional Development Completion Rates; ATrain Professional Development Records;

Professional Development Evaluations; Walkthroughs; Observations;

Comments: Resources: ELL Podcasting Server, Teacher Planning and Reflection forms

LRPT Correlates: EP01, EP03, EP04, EP05, EP07, EP08, LAS06, TL11

**Strategy 1.2.10:** Instructional Technology Specialists will provide a test group of teachers, 4th & 5th grade students with experience with robotics and programming through an after school club. The purpose will be to give students and teachers a real world connection to technology, math and science. In addition it will provide another way for teachers to integrate technology in a meaningful context.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Coordinators, and Specialists; Campus Administrators; Teachers

Evidence: Professional Development Completion Rates; A-Train Professional Development Records;

Professional Development Evaluations; Observations; After school clubs; Teacher and student reflection blogs

Comments:

LRPT Correlates: EP01, EP03, EP04, EP05, EP07, EP08, TL11

**Objective 1.3:** 100% of instructional staff will have access to and integrate technology into curriculum and instruction.

Budget for this objective: \$1,949,074.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 03 04b 06 07 12

**Strategy 1.3.1:** Students and teachers at elementary and middle schools will have increased access to technology through the use of portable keyboards.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Assistant Directors, Coordinators and Specialists, Teachers, Campus Administrators

Evidence: An increase in use of portable keyboard labs as shown by electronic lab schedules, an increase in the quantity and quality of student products, and an increase in academic achievement in reading and writing.

Comments: Use of the portable keyboards as a mobile word processing lab will continue to improve the capacity of teachers to integrate technology effectively into curriculum and instruction, as well as the technology literacy of students. This strategy also shows coordination of activities funded through Educational Technology with technology-related activities supported with funds from Federal sources.

LRPT Correlates: I02, I07, TL01, TL05, TL06, TL07, TL08, TL09, TL12

**Strategy 1.3.2:** Students in English classes will have increased access to technology through the use of alternative laptop devices.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Teachers, Campus Administrators, Instructional Division Coordinators and Specialists

Evidence: An increase in use of alternative laptop devices as shown by electronic lab schedules and an increase in integration of technology as evidenced by student products.

Comments: In addition to word processing, the portable keyboard also has the capacity to deliver supporting resources (electronically delivered learning materials, and print resources) through the integration of e-books.

LRPT Correlates: EP05, I02, I04, I05, I07, TL05, TL06, TL07, TL08, TL09

**Strategy 1.3.3:** 100% of elementary school classroom teachers will work with each student using classroom computers, computer labs, and other technologies a minimum of nine hours during each nine-week grading period.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff; Classroom Teachers; Campus Administrators

Evidence: Evidence: Lesson plans correlated to Content Area TEKS and Technology Applications Standards, Lab schedules, Student products, Walk-throughs

Comments:

LRPT Correlates: I02, I04, I05, I07

**Strategy 1.3.4:** 100% of core content middle school teachers will work with each student using classroom computers, computer labs, and other technologies a minimum of four class periods each semester.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff; Classroom Teachers; Campus Administrators; Academic Deans, Instructional Division Assistant Directors, Coordinators and Specialists

Evidence: Lesson plans correlated to Content Area TEKS and Technology Applications Standards; Lab schedules; Student products; Walk-throughs

Comments:

LRPT Correlates: I02, I04, I07

**Strategy 1.3.5:** 100% of core content high school teachers will work with each student using classroom computers, computer labs, and other technologies a minimum of two class periods each semester.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Classroom Teachers, Campus Administrators, Instructional Deans, Instructional Division Assistant Directors, Coordinators and Specialists

Evidence: Lesson plans correlated to Content Area TEKS and Technology Applications Standards, Lab schedules, Student products, Walk-throughs

Comments:

LRPT Correlates: I02, I04, I05, I07

**Strategy 1.3.6:** 100% of computer labs will be accessible before and after school for professional development.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff; Campus Technology Committee Members, Campus Administrators

Evidence: Internet Calendar; ATrain Learning Management System

Comments:

LRPT Correlates: I02, I04, I05, I07, LAS13

**Strategy 1.3.7:** 100% of computer labs will be available for reservation before and after school for community and adult education.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Campus Technology Committee Members, Facilities Reservation Staff, Community Education Staff

Evidence: Internet Calendar, Community Education Enrollment

Comments:

LRPT Correlates: LAS09, LAS13

**Strategy 1.3.8:** Instructional Technology Specialists will provide a test group of English Language Learners with access and ongoing exposure to MP3 players. The purpose will be to increase opportunities to develop and become proficient with the English language. In addition it will provide another way for teachers to integrate technology in a meaningful context.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Coordinators, and Specialists; Campus Administrators and Teachers

Evidence: Professional Development Completion Rates; ATrain Professional Development Records;

Professional Development Evaluations; Walkthroughs; Observations; TELPAS assessment

Comments:

LRPT Correlates: EP01, EP03, EP04, EP05, EP07, EP08, TL11

**Objective 1.4:** 100% of instructional staff will use innovative strategies for the delivery of specialized or rigorous courses and curricula through the use of technology.

Budget for this objective: \$11,619,368.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01 ER02

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

**Strategy 1.4.1:** Continue to develop the infrastructure for innovative strategies for the delivery of specialized or rigorous courses and curricula through the use of distance learning technology.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Computer Service Center Staff, Instructional Division Assistant Directors, Coordinators and Specialists

Evidence: Activity logs for Distance Learning events, pre- and post-event evaluation by teacher and students

Comments:

LRPT Correlates: I02, LAS15, TL05, TL06, TL07, TL08, TL09, TL15, TL16

**Strategy 1.4.2:** Expand opportunities for students to earn Dual Credit and Advanced Measures toward graduation.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Career and Technology Education Staff, Magnet School Directors

Evidence: 100% of students participating in the Dual Credit courses will receive a grade of 80 or higher.

Comments: Courses include Agribusiness, Engineering & Technologies Academy, Aerospace, and Info Tech Academy.

LRPT Correlates: EP05, TL05, TL06, TL07, TL08, TL09, TL12, TL15

**Strategy 1.4.3:** The department of Educational Technology will use the Online Collaboration tool, Fusetalk, to reinforce content TEKS within the classroom through the use of online Discussion Boards at school and at home.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Technology Coordinators, Specialists; Teachers

Evidence: Active forum participation; Professional Development attendance; Increase in district forum numbers

Comments:

LRPT Correlates: EP01, EP03, EP04, EP05, EP07, EP08, LAS15, TL05, TL06, TL08, TL09

**Strategy 1.4.4:** 100% of instructional classroom areas, including cafeterias and libraries, will be equipped with a ceiling mounted projector and speaker system to enhance the learning environment through improved audio/visual experiences.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Construction Management Department

Evidence: Course offering list in Learning Management System, FuseTalk

Comments:

LRPT Correlates: I01, I05, TL10

**Objective 1.5:** 100% of instructional staff will use accountability processes to measure student achievement and the extent to which technology is being integrated into curricula and instruction.

Budget for this objective: \$2,173,372.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01

NCLB Correlates: 01 04a 07 09 11 12

**Strategy 1.5.1:** 100% of educators will use the Texas Teacher STaR Chart Self Assessment as a planning and reflection tool to assess levels of classroom technology integration in order to promote curriculum and teaching strategies that improve student academic achievement.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Teachers, Educational Technology Staff, Campus Administrators

Evidence: Lesson Plans; PDAS Observations, Walk-throughs, and Summative Conferences

Comments:

LRPT Correlates: EP01, EP06, LAS03, TL05, TL07, TL09, TL12

**Strategy 1.5.2:** 100% of instructional and administrative staff will access data easily and quickly through various data management systems.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Data Processing Staff, Instructional Division Assistant Directors, Coordinators and Specialists, Teachers, Campus Administrators

Evidence: Increase in usage of Data Management System, GradeSpeed, SPED Manager, mCLASS, and other data management systems; PDAS

Comments:

LRPT Correlates: EP01, EP06, TL05, TL06, TL07, TL12

**Strategy 1.5.3:** 100% of campus Assistant Principals and Instructional Interventionist Teachers will attend TPRI Handheld Trainer of Trainers professional development and be designated as campus TPRI Handheld trainers/facilitators.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Assistant Principals, Campus Instructional Interventionist Teachers (IIT), Instructional Division Coordinators and Specialists

Evidence: ATrain Course Documentation

Comments:

LRPT Correlates: EP05, TL06, TL07, TL08, TL09, TL14

**Strategy 1.5.4:** 100% of K-2 teachers will attend campus-based TPRI Handheld professional development in order to administer the TPRI using a handheld computer and mCLASS software.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: K-2 Teachers, Assistant Principals, Campus Instructional Interventionist Teachers (IIT), Instructional Division Coordinators and Specialists

Evidence: DATA MANAGEMENT SYSTEM reports, mCLASS Campus and Teacher Summary Reports

Comments:

LRPT Correlates: EP05, EP09, TL06, TL13, TL14

**Strategy 1.5.5:** 100% of K-2 teachers will administer the Texas Primary Reading Inventory (TPRI) using a handheld computer and mCLASS software.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Teachers, Assistant Principals, Campus Instructional Interventionist Teachers (IIT), Instructional Division Coordinators and Specialists

Evidence: DATA MANAGEMENT SYSTEM reports, mCLASS Campus and Teacher Summary Reports

Comments:

LRPT Correlates: EP06, TL07, TL12

**Strategy 1.5.6:** 100% of K-2 teachers will use mCLASS TPRI reports to inform instruction, improve student academic achievement, and promote communication with parents.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Teachers, Assistant Principals, Campus Instructional Interventionist Teachers (IIT), Instructional Division Coordinators and Specialists

Evidence: DATA MANAGEMENT SYSTEM reports, mCLASS Campus and Teacher Summary Reports

Comments:

LRPT Correlates: EP01, TL07, TL12

**Strategy 1.5.7:** 100% of PreK-12 teachers will use GradeSpeed as the method for recording and reporting grades for progress reports and report cards. The maintenance of those grades will provide administrators and parents with access to assignment, attendance, and grade details as they relate to student progress in the applicable grading cycle.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Data Processing Staff, Help Desk Staff, Teachers, Campus Administrators

Evidence: End of year data storage, mainframe uploads, NEISD Parent Portal, GSMonitor, GS Progress Reports, GS Report Cards, correlation to Data Management System, correlation to State PEIMS data

Comments:

LRPT Correlates: TL07, TL12

**Objective 1.6:** 100% of instructional staff will use supporting resources to ensure successful and effective uses of technology.

Budget for this objective: \$1,075,184.00

LRPT Category: Teaching and Learning

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 03 04a 04b 05 08 11 12

**Strategy 1.6.1:** 100% of teachers will be aware of and have access to online databases.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Librarians, Teachers, Instructional Division Coordinators and Specialists

Evidence: Library Services Campus Database Statistics Report

Comments:

LRPT Correlates: EP05, TL06

**Strategy 1.6.2:** Use streaming video to make instructional content accessible to students and employees.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Coordinators and Specialists, Teachers, Campus Administrators, Deans

Evidence: Instructional Division Coordinators and Specialists, Streaming media log reports; teacher use of videos in classroom.

Comments: RealPlayer is used for many internal employee training videos, as well as live internal board meeting broadcasts. Windows Media videos are streamed from an NEISD server in collaboration with Unitedstreaming, allowing teachers and students real-time access to over 50,000 video segments from 5,000 full length videos. Currently over 850 of these videos are downloaded or streamed daily and approximately 160,000 per year. Since teachers have full license to place these videos on their hard drives (for use in classroom presentations and projects) and are encouraged to do so in staff development, the actual usage of these videos is much greater than 850 downloads that occur daily (there is no way to track views of the files that are on teachers' hard drives.)

LRPT Correlates: TL06

**Strategy 1.6.3:** 100% of teachers will be aware of the North East Lesson Plan Database and Data Management System Resources and will use it to access and/or submit technology integration lessons.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Teachers, Instructional Division Coordinators and Specialists, Deans and Campus Administrators

Evidence: NEISD Lesson Plan Database; Increase in current number of approved lessons within the database by 50%; Increase in TRIAND Data Management System Resources

Comments:

LRPT Correlates: TL06, TL07, TL09

**Strategy 1.6.4:** 100% of coordinators and specialists within the Division of Instruction will use professional development opportunities with teachers to develop exemplary lessons that integrate technology.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Coordinators and Specialists, Teachers, Deans

Evidence: Increase in technology-infused workshops offered through Super Saturday events, campus-based professional development, and Educational Technology Staff as shown through ATrain records.

Comments:

LRPT Correlates: EP01, TL06, TL07, TL09

**Strategy 1.6.5:** Provide opportunities for counseling staff to make annual tours of Career and Technology programs to include all CATE Magnet Programs.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Career and Technology Education Staff, Middle and High School Counselors

Evidence: Tour attendance, Counselors will develop a better understanding of CATE curriculum

Comments:

LRPT Correlates: TL06

**Goal 2: Increase the capacity of educators to integrate technology effectively into curriculum, instruction, and assessment through ongoing, sustained, high quality professional development.**

**Objective 2.1:** 100% of instructional staff will participate in ongoing, sustained and intensive, high quality professional development to further the effective use of technology.

Budget for this objective: \$1,846,621.00

LRPT Category: Educator Preparation and Development

E-Rate Correlates: ER01 ER02

NCLB Correlates: 01 04a 04b 06 08 12

**Strategy 2.1.1:** 100% of Educational Technology professional development provided for teachers through ATrain will model teaching strategies that integrate technology effectively into curriculum and instruction and consist of a classroom application component in addition to the in-service event. This will increase the effectiveness and quality of professional development and require that teachers apply their learning with students in their classrooms.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Teachers

Evidence: Lesson plans, student work, ATrain course documentation, PDAS documentation

Comments: Professional development content will be based on the student and educator technology standards and the content area TEKS. Professional development method will be to seamlessly integrate the technology standards into the content area TEKS. Professional development participants will include all educators.

Professional development classes will require the application of what is learned into the classroom within a reasonable time frame. Professional development classes will be taught by coordinators and specialists from the Instructional Division. The impact of the professional development will be measured by the quality of the observations, lesson plan, and student work. The ongoing impact will be measured by PDAS walk-throughs and observation, student achievement scores and Skill Check online assessment data.

LRPT Correlates: EP01, EP03, EP04, EP05, EP07, EP08, TL02

**Strategy 2.1.2:** 100% of educators will participate in professional development in order to achieve the levels of proficiency in the North East Educator Technology Standards (Foundations, Basic, Intermediate).

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Teachers, Campus Administrators

Evidence: Completion by teachers of Educational Technology Staff Development, improvement in student mastery of Technology Application

Comments: Completion of this staff development will prepare teachers to effectively integrate technology into curriculum and instruction.

LRPT Correlates: EP01, EP03, EP05, EP07, EP08, I07, LAS12, TL05, TL10, TL11

**Strategy 2.1.3:** 100% of educators will use Technology Proficiency Assessments to guide them in developing individual goals which will lead them to professional development areas in need of improvement. This process

will build the capacity of teachers to integrate technology effectively into curriculum and instruction. The three tiers of technology proficiency are named Foundations, Basic, and Intermediate.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Teachers, Campus Administrators

Evidence: Completion by teachers of Educational Technology Staff Development, improvement in student mastery of Technology Application Standards as shown through student products, and PDAS walk-throughs, observations, and summative conferences.

Comments: Educational Technology Staff will continue to utilize an online tool to help teachers define Educator Technology Proficiency goals and determine target areas of staff development.

LRPT Correlates: EP01, EP03, EP05, EP07, EP08, LAS12, TL11, TL14

**Strategy 2.1.4:** Provide innovative means for District educators to access specialized training opportunities according to a flexible schedule that meets individual learner needs, eliminates travel, and offers curriculum that may not be provided/available in the District.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Atomic Learning staff

Evidence: Atomic Learning Usage Tracking Tool, Atomic Learning Certificates, and ATrain "one-time event" entries.

Comments:

LRPT Correlates: EP01, EP07, TL11, TL14

**Strategy 2.1.5:** 100% of district recognized campus-based professional development technology courses will follow the Educational Technology Department's established course guidelines. Course content will be divided into skills based on state educator standards for technology, which reflect eighth grade student technology standards.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Campus Technology Committee, Trainers, Campus Administrators

Evidence: ATrain Records, PDAS walk-throughs, and observations and summative conferences

Comments:

LRPT Correlates: EP01, EP03, EP04, EP08, TL06

**Strategy 2.1.6:** Departments and campuses will manage 100% of internal employee staff development with the ATrain learning management system.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff; Campus Staff; Departmental Staff

Evidence: Training attendance and ATrain system usage

Comments: Over 100 NEISD employees act as course administrators that manage departmental and campus offerings on the system. The course administrators are trained by the Educational Technology department. All NEISD employees are automatically provisioned with access to this system, so that they can conveniently sign up for staff development. Employees can access ATrain from their homes via the Home Intranet Portal. While most training at NEISD is instructor led, employees have ability to request self-paced resources (such as books, courseware, and videos) via ATrain.

LRPT Correlates: EP03, EP05, EP07, EP08, TL02

**Strategy 2.1.7:** Departments will be provided access to a web conferencing system to conduct employee meetings and professional development to reduce employee travel time and cost of professional development for targeted deficiencies by 50%.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff; Departmental Staff

Evidence: Training Attendance, Adobe Connect system usage

Comments: Certain types of meetings and training lend themselves to the use of Breeze Meeting. When Breeze Meeting is used, employees can access the meeting from any NEISD networked computer or even from home via the Home Intranet Portal with no specialized software required. Attendees can see presenter's applications, desktop, or PowerPoint, as well as hear/see presenter via integrated audio/video conferencing. Breeze Meeting presenters are trained by the Educational Technology department.

LRPT Correlates: EP01, EP03, EP07, EP08, TL02

**Strategy 2.1.8:** Provide new educators with self-help resources, and quality professional development opportunities during New Teacher Academy. Effective use of technology in the classroom for both instructional management as well as curriculum integration will be provided throughout the year.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Coordinators and Specialists, Teachers

Evidence: Professional development attendance, new teacher orientation sign-in sheets, student projects

Comments:

LRPT Correlates: EP01, EP03, EP07, EP08, TL02

**Strategy 2.1.9:** Expand opportunities for teachers to obtain industry certifications and licensures in order to provide like opportunities for students.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Career and Technology Education Staff, Technology Applications, Business Education, and Career & Technology Education Teachers

Evidence: 10% increase of teacher/student industry certification/licensures

Comments:

LRPT Correlates: EP01, EP03, EP04, EP08

**Strategy 2.1.10:** Automotive teachers will meet and maintain the National Automotive Technicians Education Foundation (NATEF) Certification.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Career and Technology Staff, Automotive Instructors, Automotive Academy Administrator

Evidence: National Automotive Technicians Education Foundation (NATEF) Certification

Comments:

LRPT Correlates: EP01, EP03, EP04, EP05, EP07, EP08, TL02, TL11, TL14

**Strategy 2.1.11:** The Educational Technology Department will use an Online Collaboration tool, Fusetalk, to

administer professional development through asynchronous participation to certified employees to assist in furthering their technology proficiency levels and providing additional ways for teachers to integrate technology with their curriculum.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Coordinators, and Specialists;

Evidence: Professional Development Completion Rates; A-Train Professional Development Records;

Professional Development Evaluations; Observations

Comments:

LRPT Correlates: EP01, EP04, EP05, EP07, EP08, TL01, TL05, TL06, TL07, TL08, TL09, TL10, TL13

**Goal 3: Increase the level of instructional, technical, and administrative support of the integration of technology into curriculum, instruction, and assessment through planning, budgeting, and funding.**

**Objective 3.1:** 100% of staff, students, parents and community members will have increased access to technology through campus and district instructional, technical, and administrative support initiatives.

Budget for this objective: \$1,790,018.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 03 06 12

**Strategy 3.1.1:** Improve centrally deployed technical support response time to an average of two days to increase student and teacher access to technology.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Computer Service Center Staff

Evidence: Computer Service Center Work Order System Logs, Technology Excellence Indicator System Results

Comments:

LRPT Correlates: I07

**Strategy 3.1.2:** Continue use of Help Desk for GradeSpeed and Parent Portal to ensure parental accessibility to students' grades and attendance via the Internet and expand use of Help Desk to other technical/software support areas.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Data Processing Staff

Evidence: Reports on system will show call volume and history.

Comments: Initial Help Desk will use software to support GradeSpeed teacher grade keeping software and the Parent Portal. Other initiatives needing support will be brought into the newly acquired help desk software system throughout the year.

LRPT Correlates: EP01, I07

**Objective 3.2:** 100% of staff, students, parents and community members will benefit from a comprehensive technology planning process.

Budget for this objective: \$991,496.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 01 03 04a 04b 05 06 07 09 11 12

**Strategy 3.2.1:** 100% of District technology plan Initiatives align with Texas LRPT recommendations and E-Rate and NCLB criteria.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff

Evidence: ePlan TLRPT, E-Rate, and NCLB alignment reports

Comments:

LRPT Correlates: I01, I03, I08, I09, LAS02, LAS04

**Strategy 3.2.2:** District technology plan is collaboratively developed, guides policy and practice, and updated at least annually.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Educational Technology Steering Committee

Evidence: Educational Technology Steering Committee Meeting Minutes, School Board Agendas

Comments:

LRPT Correlates: I01, I08, I09, LAS02, LAS04

**Strategy 3.2.3:** District technology plan is focused on student success, based on needs, research, and best practices for teaching and learning.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Educational Technology Steering Committee

Evidence: Evidence: Student Achievement Data, Technology Excellence Indicator System Results, Triand reports

Comments:

LRPT Correlates: LAS02, LAS04

**Strategy 3.2.4:** Develop and implement campus based program area advisory councils that will include business, industry, parents, and other stakeholders.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Career and Technology Education Staff and Department Chairs

Evidence: 100% of CTE program areas will have an active Advisory Council. Copies of program area Advisory Council meetings minutes will be submitted to the Career and Technology Department after each meeting.

Comments:

LRPT Correlates: I09, LAS01, LAS02, LAS04, LAS05, LAS07

**Objective 3.3:** 100% of staff, students, parents and community members will benefit from a robust communications infrastructure.

Budget for this objective: \$4,160,518.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 03 09 12

**Strategy 3.3.1:** Allow 100% of professional staff access to NEISD email 24/7 via a web browser. This allows convenient email access for floating teachers and other mobile NEISD staff.

State: Revised

Status: In Progress

Timeline: 2007-2008

Person(s) Responsible: Educational Technology Staff, Computer Service Center Staff

Evidence: Number of accounts that exist on system. Currently the system has over 1,900 users registered.

Comments: In addition access to Webmail is available for employees via the Home Intranet Portal. No accounts have to be created on Webmail.

LRPT Correlates: EP09

**Strategy 3.3.2:** Maintain access to Groupwise to promote a more robust communications/email solution for 100% of employees that includes calendaring, document sharing, and web access to email.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Computer Service Center Staff

Evidence: Novell Groupwise has been implemented across 98% of the District to include all campuses and departments. The remaining 2% will be addressed during this school year.

Comments: Novell GroupWise will integrate well with our identity management initiatives and Novell network.

LRPT Correlates: EP09

**Strategy 3.3.3:** 100% of campuses and Central Office departments will have a Web Page Coordinator who is responsible for maintaining, organizing, and keeping their campus or department web site up to date.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff; Web Page Coordinators

Evidence: Meeting attendance; Training Attendance; Site surveys; Web server log files.

Comments:

LRPT Correlates: TL16

**Strategy 3.3.4:** 100% of teachers will have a classroom teacher web site linked to the campus website with essential, up-to-date classroom information for parents and students to access from any Internet accessible computer.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Teachers, Campus Web Page Coordinators, Campus Administrators, Educational Technology Staff

Evidence: Account activity; Parental Feedback; Technology Excellence Indicator System Result; Campus traffic reports

Comments: Teacher web pages will be linked to the Parent Portal and managed through the Password Self Service.

LRPT Correlates: I09

**Strategy 3.3.5:** All parents/guardians/custodians of children attending school within the District will be provided secure access to the NEISD Parent Portal. This will provide detailed student account information pertaining to grades, assignments, attendance, student immunization, student discipline, contact information, the ability to conduct program/school registration, obtain KIN information, and contribute to cafeteria accounts.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Data Processing Staff, Help Desk Staff

Evidence: Number of active accounts, Parent feedback

Comments:

LRPT Correlates: I08, LAS11, LAS14

**Objective 3.4:** 100% of community members will benefit from community and adult education programs.

Budget for this objective: \$167,000.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 06 09 10

**Strategy 3.4.1:** Provide online and classroom instruction for adults eighteen and older. Topics include but are not limited to GED, ESL, business, financial, health, technology, languages, personal improvement, and leisure interests.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Community Education Staff

Evidence: Community Education Catalogs and Web Page, Community Education Class Completion Rates, Community Education Class Evaluations

Comments:

LRPT Correlates: I09

**Objective 3.5:** 100% of instructional staff will benefit from instructional, technical, and administrative resources support of accountability processes to measure student achievement and the extent to which technology is being integrated into curricula and instruction.

Budget for this objective: \$2,824,170.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01 ER02

NCLB Correlates: 04b 07 11

**Strategy 3.5.1:** 100% of Campus Technology Committees will continue to use results from the Educator Technology Proficiency Goals as a tool to identify areas for campus technology growth as a means to offer directed professional development activities.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Principals, Campus Technology Committee Representatives (at least one per grade level, team, department), Educational Technology Staff

Evidence: Campus Communication; Campus Network Coordinator Documentation; Campus Web Page; Software Documentation; CTC Meeting Minutes; Campus Based Staff Development Schedule; Campus Trouble Shooting System; Work Order System; Wired/Wireless Computer Lab Schedule; Campus administrators will monitor to insure that the CTC follows the NEISD CTC timeline.

Comments:

LRPT Correlates: EP03, EP07, EP08, I07, TL02, TL10

**Strategy 3.5.2:** 100% of educators will use the STaR Chart as a self-reflection tool to identify areas for individual technology growth.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Campus Administrators, Teachers, Educational Technology Staff, Campus Technology Committee Representatives

Evidence: ATrain Course Documentation; PDAS Observations, Walk-throughs, and Summative Conferences

Comments:

LRPT Correlates: TL11, TL14

**Strategy 3.5.3:** Implementing use of handheld/tablet computers for all district AP's and Principals to assist in administering the PDAS and streamline other administrative tasks.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology staff; Administrative Staff Development Staff; Data Processing Staff; Computer Service Center Staff; Campus Administrators

Evidence: PDAS Evaluations, records of training sessions for all campus administrators

Comments:

LRPT Correlates: TL06, TL11, TL14

**Objective 3.6:** 100% of instructional staff will benefit from instructional, technical, and administrative support to ensure successful and effective uses of technology.

Budget for this objective: \$1,456,937.00

LRPT Category: Leadership, Administration and Support

E-Rate Correlates: ER01

NCLB Correlates: 03 04a 09 12

**Strategy 3.6.1:** Provide planning, installation assistance, and professional development (training and resource materials) to campuses where new software and hardware is purchased by Educational Technology to promote the effective integration of technology into curriculum and instruction.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff

Evidence: Training attendance, student projects, benchmark scores, TAKS results, campus based staff development attendance

Comments:

LRPT Correlates: I07

**Strategy 3.6.2:** Provide for timely technical and instructional evaluation of new software and hardware packages to ensure compatibility with existing systems and technologies, as well as the beneficial impact on student and educator technology application standards proficiencies and achievement.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Computer Service Center Staff

Evidence: Technology Evaluation Tracking System records, Software Evaluation Rubric, Technical Analysis

Comments:

LRPT Correlates: I07

**Strategy 3.6.3:** Allow 100% of professional staff access to NEISD internal web-based resources 24/7 via a web browser from anywhere on the Internet via the Home Intranet Portal, which is a NetScreen SSL Virtual

Private Network (VPN) solution.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff; Computer Service Center Staff

Evidence: Access logs show hourly maximum concurrent users and hourly page requests by NEISD employees.

Comments: NEISD applications such as Intranet, Web-based Application, ATrain Learning Management System, WinOcular HR System, GradeSpeed grading system, mainframe, and more are available to select staff with Internet connections (at home or while traveling) without need for any specialized software. Accounts are automatically provisioned on system via LDAP server.

LRPT Correlates: I09

**Goal 4: Increase the level of student and teacher support and access to commonly used, specialized, new and emerging technologies, including but not limited to computers, the Internet, and network resources.**

**Objective 4.1:** 100% of instructional staff and students will have increased access to commonly used, specialized, new and emerging technologies through a comprehensive obsolescence and upgrade plan.

Budget for this objective: \$22,212,101.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 02 03 05 06 07 12

**Strategy 4.1.1:** Students at all campuses will have increased access to technology through the use of wireless laptop labs. These mobile labs will provide opportunities to integrate technology into classroom instruction, thereby increasing on-demand access to network and Internet resources.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Campus Administrators, Educational Technology Staff, Computer Service Center Staff, Teachers

Evidence: STaR Chart results, increase in use of wireless labs as shown by electronic lab schedules.

Comments:

LRPT Correlates: I02, I04, I05, I06, I07, TL06, TL07, TL08, TL09, TL14

**Strategy 4.1.2:** Campus-wide wireless networks will be completed at all campuses. Students and teachers will be able to access a wireless network anywhere on their campus, ensuring that all will have increased access to technology.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Computer Service Center Staff, Telecommunications Staff

Evidence: Technology Excellence Indicator System results, increase in use of wireless laptop labs as shown by electronic lab schedules as well as support for wireless connectivity for staff laptops.

Comments: As the geographical access to technology and its resources increases, teachers will have more opportunities to integrate technology through the wireless laptop labs into curricula and instruction.

LRPT Correlates: I02, I06, I07, TL06, TL07, TL14

**Strategy 4.1.3:** Provide for the purchase, replacement of, and training on specific technology components provided to increase student and teacher access to technology resources necessary for the development of

high-end, creative integrated projects and lessons. In addition, this will improve instructional management processes such as TPRI and PDAS reporting.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Computer Service Center Staff

Evidence: Purchase Orders, Training attendance, Student projects, Educator TEIS results

Comments:

LRPT Correlates: EP01, EP03, EP05, TL07

**Strategy 4.1.4:** 100% of all instructional classrooms will have access to a minimum of two Internet-ready computers, which will be used by teachers and students for integration activities geared towards improving technology proficiencies, student achievement, and data management and retrieval.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Computer Service Center Staff

Evidence: Purchase orders, audits, Educator TEIS survey results

Comments:

LRPT Correlates: I06, I07

**Strategy 4.1.5:** 100% of the District's libraries will be equipped with Internet-ready technology, which will be used by teachers and students as additional resources to support integrated lesson development, research-based learning, and the creation of student projects through the use of software packages similar to that which exists in the classroom and lab setting.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Instructional Division Coordinators and Specialists, Librarians, Computer Service Center Staff

Evidence: Library usage logs, lesson plan database resources, student projects, Triand resources

Comments:

LRPT Correlates: EP05, I07, TL07

**Strategy 4.1.6:** Library, classroom, and lab technology, regardless of its original funding source (local, state, or federal), will be upgraded on an as-needed basis in order to prolong the viability of technology available for student and teacher integration activities, until that technology is replaced through the District's standard obsolescence program.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Career and Technology Education Staff, Educational Technology Staff, Computer Service Center Staff

Evidence: Purchase orders, work order logs

Comments:

LRPT Correlates: I02, I03, I04, I05, I07

**Strategy 4.1.7:** 100% of NetWare Server operating systems will be upgraded to Netware 6.5, and hardware components will be upgraded or consolidated as needed in order to maintain efficient storage and connectivity for all employees and students, as well as to operate seamlessly with existing and future data management systems so that communication, operation, and functionality are maintained at peak levels. This will include the

integration of SUSE Linux Enterprise server as a network operating system on selected file servers.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Computer Service Center Staff

Evidence: Work order logs, purchase orders, technical benchmark analysis, data flow

Comments:

LRPT Correlates: I02, I03

**Strategy 4.1.8:** 100% of existing telecommunication systems (Voice Mail, Internet, Phone Service, WAN Service, and Pagers) will be maintained and upgraded as needed. IP Telephony resources will be piloted, in order to provide robust communication systems for staff, students, parents, and community members.

State: Original

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Computer Service Center Staff, Data Processing Staff, Telecommunications Staff

Evidence: Work order logs, purchase orders, technical benchmark analysis, data flow

Comments:

LRPT Correlates: I02, I03

**Objective 4.2:** 100% of instructional staff and students will benefit from infrastructure resources support to ensure successful and effective uses of technology.

Budget for this objective: \$9,196,450.00

LRPT Category: Infrastructure for Technology

E-Rate Correlates: ER01

NCLB Correlates: 05 06 11 12

**Strategy 4.2.1:** All comprehensive high school campuses will be equipped with both internal and perimeter security cameras to provide school administration and NEISD police officers with the ability to maintain a safe learning environment across the campus, as well as to provide valuable evidence in the event of after-hours activity.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Telecommunications Staff, Computer Service Center Staff, NEISD Police

Evidence: Purchase orders, work order logs, video logs, discipline reports

Comments:

LRPT Correlates: I02, I03

**Strategy 4.2.2:** 100% of all campus administrators will receive a computer similar in function and software standard to that which exists in the classroom and lab environment so that administrators can promote the integration of technology throughout the curriculum through various means including; reviewing student projects, developing sample integration lessons, demonstrating the effective use of technology for instructional and administrative management, and personal project development designed to demonstrate established proficiencies.

State: Revised

Status: In Progress

Timeline: 2007-2008

Person(s) Responsible: Educational Technology Staff, Computer Service Center Staff

Evidence: Professional development attendance, Innovation Configuration, Educator TEIS survey results

Comments:

LRPT Correlates: EP09, I02, I03, I06, I07

**Strategy 4.2.3:** Store data for 100% of employees and students in a central identity repository called Novell eDirectory in order to consolidate the number of usernames and passwords which employees use to access a variety of NEISD systems.

State: Original

Status: In Progress

Timeline: 2007-2008

Person(s) Responsible: Educational Technology Staff; Computer Service Center Staff; Data Processing Staff

Evidence: Reduced numbers of user credentials, fewer users help requests

Comments: Currently employees can have up to nine usernames and fourteen passwords, so the necessity of reduction is clear and will allow us to dramatically reduce support costs for NEISD systems, as well reduce employee frustration having to remember too many credentials. The NEISD mainframe will automatically update eDirectory via Novell Identity Manager, which will automatically provision an LDAP server (which many software applications use to authenticate users) as well as all users' accounts on the NEISD Novell NetWare network. eDirectory will also pass credentials back to the mainframe which can allow many legacy applications to use the same username and password as well. Part of the system will be to provide automated user password management so users can change their passwords and retrieve forgotten ones.

LRPT Correlates: I02

**Strategy 4.2.4:** Use Novell Asset Management to automate the collection of hardware and software inventory from centralized location in order to facilitate license compliance, standardize NEISD software, and synchronize versions of software.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff; Computer Service Center Staff

Evidence: Availability of automated hardware and software inventory reports to NEISD technology staff.

Comments: Standardization of software and drivers increases the reliability and usability of computers and allows teachers and students more reliable access to technology.

LRPT Correlates: I02

**Strategy 4.2.5:** Use Novell ZenWorks to manage computers, ensuring standardized and reliable access for students to lab and other computers.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Educational Technology Staff, Computer Service Center Staff

Evidence: Decreased support calls, increased lab uptime and availability

Comments: ZenWorks will deliver standardized software and desktop views which will increase the reliability and usability of computers. Computers can be locked down to prevent accidental or malicious tampering, which will increase the availability of technology for students and teachers.

LRPT Correlates: I02, I07

**Strategy 4.2.6:** Use server software to filter 100% of inbound email for SPAM and viruses.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Computer Service Center Staff, all NEISD system users

Evidence: Decrease in SPAM and virus attacks

Comments: Mail Manager allows significant reduction in volume of external email that employees receive,

freeing up their time to focus on more important tasks. Currently Mail Manager is stopping 94% of all inbound email as SPAM (about 1.2 million emails per day). Mail Manager also serves as an important security point in stopping email viruses trying to infiltrate the NEISD network via email.

LRPT Correlates: I02

**Strategy 4.2.7:** Use anti-virus and anti-spyware software to protect NEISD desktops and servers from viruses and spyware that can shut down the NEISD network and make computers unusable, wasting a significant amount of employee time and district money if allowed to propagate unchecked.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Computer Service Center Staff, All NEISD system users

Evidence: Less computer downtime for NEISD staff and students and fewer service calls for virus infections.

Comments: Viruses and spyware can wreak havoc and prevent the instructional use of the network and NEISD computers.

LRPT Correlates: I02

**Strategy 4.2.8:** Continue to increase storage capacity at the network hubs as necessary to provide adequate storage of staff and student data.student data.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Computer Service Center staff

Evidence: Staff and students have adequate storage space

Comments:

LRPT Correlates: I01, I05

**Strategy 4.2.9:** Add a new network hub at Johnson High School when it opens in 2008 to balance the network load in the high growth quadrant of the district.

State: Revised

Status: In Progress

Timeline: 2008-2011

Person(s) Responsible: Computer Service Center staff

Evidence: Balanced network loads that do not overwhelm the existing hub in the high growth area of the district.

Comments: The new hub will possess the same networking infrastructure capabilities and capacities as the existing hub sites.

LRPT Correlates: I01, I05, I08

## BUDGET

Total amount of Title II, Part D formula funds received for the current year of this plan: \$63,512.00

Method of application for formula funds: Local Application

Budget for year 2008

- Telecom cost: \$948,998.00

- Telecom source: Local (\$379,599)

E-Rate (\$569,399)

- Materials cost: \$954,851.00

- Materials source: Local (\$453,500)

Title IID (\$6,351)  
CATE Local (\$495,000)  
- Equipment cost: \$24,302,355.00  
- Equipment source: Local (\$22,376,391)  
Title IID (\$25,405)  
IDEA-B Formula(\$196,000)  
Perkins (\$330,000)  
E-Rate (\$1,374,559)

- Maintenance cost: \$1,732,000.00  
- Maintenance source: Local (\$1,542,000)  
E-Rate (\$190,000)  
- Staff development cost: \$2,315,756.00  
- Staff development source: Local (\$99,000)  
STA (\$2,085,000)  
Title IID (\$31,756)  
Perkins (\$35,000)  
IDEA-B (\$65,000)  
- Miscellaneous cost: \$82,500.00  
- Miscellaneous source: Local (\$65,000)  
Perkins (\$17,500)

- Total: \$30,336,460.00

Budget for year 2009

- Telecom cost: \$990,833.00  
- Telecom source: Local (\$396,333)  
E-Rate (\$594,500)est.  
- Materials cost: \$847,284.00  
- Materials source: Local (\$335,933)  
Title IID (\$6,351)est.  
CATE Local (\$505,000)  
- Equipment cost: \$18,744,904.00  
- Equipment source: Local (\$17,307,929)  
Title IID (\$25,405)est.  
IDEA-B Formula(\$196,000)  
Perkins (\$330,000)  
E-Rate (\$885,570)  
- Maintenance cost: \$562,200.00  
- Maintenance source: Local (\$372,200)  
E-Rate (\$190,000)

- Staff development cost: \$2,407,912.00  
- Staff development source: Local (\$76,000)  
STA (\$2,200,156)  
Title IID (\$31,756)est.  
Perkins (\$35,000)  
IDEA-B (\$65,000)  
- Miscellaneous cost: \$17,500.00  
- Miscellaneous source: Perkins (\$17,500)

- Total: 23,570,633.00

#### Budget for year 2010

- Telecom cost: \$1,071,667.00

- Telecom source: Local (\$428,667)

E-Rate (\$643,000)

- Materials cost: \$843,120.00

- Materials source: Local (\$329,418)

Title IID (\$6,352)est.

CATE Local (\$507,350)

- Equipment cost: \$8,790,612.00

- Equipment source: Local (\$7,360,638)

Title IID (\$25,404)

IDEA-B Formula(\$196,000)

Perkins (\$330,000)

E-Rate (\$878,570)

- Maintenance cost: \$575,800.00

- Maintenance source: Local (\$385,800)

E-Rate (\$190,000)

- Staff development cost: \$2,483,648.00

- Staff development source: Local (\$65,000)

STA (\$2,286,892)

Title IID (\$31,756)est.

Perkins (\$35,000)

IDEA-B (\$65,000)

- Miscellaneous cost: \$17,500.00

- Miscellaneous source: Perkins (\$17,500)

- Total: 13,782,347.00

## EVALUATION

### Evaluation Process:

The Educational Technology Department will work with the Educational Technology Steering Committee to review the North East Technology Plan on an annual basis. This committee will be comprised of teachers, campus administrators, parents, community members, and central office staff members. The committee will report periodically to Principals, Executive Staff, Superintendent, and School Board as to progress towards and completion of goals as well as recommended changes to the North East Technology Plan.

### Evaluation Method:

- Use the Technology Innovation Configuration on a regular basis for planning, reflection, observations, and walk-throughs.
- Use the Educator and Campus Technology Excellence Indicator System Surveys results in the fall to determine individual and campus goals.
- Complete the Educator and Campus Technology Excellence Indicator System Surveys in the spring to determine growth towards individual and campus goals and identify areas of need.
- Complete the Texas Campus STaR Chart in the spring to determine growth towards Target Tech levels and identify areas of need.
- Monitor the amount of professional development teachers participate in through the ATrain Learning

## Management System.

- Monitor success of professional development system through course surveys, lesson plans, and student work.
- Monitor the integration of technology into curriculum and instruction through the evaluation of lesson plans and student work.
- Monitor to insure that the Campus Technology Committee documents progress on all TEIS Campus Indicators and the top three Campus Technology Committee goals are established and met.
- Monitor to insure that the Campus Technology Committee follows the NEISD Campus Technology Committee timeline.
- Monitor hardware inventory through the Controlled Resources Management System
- Monitor software inventory through ZenWorks.
- Monitor the support and maintenance of technology as documented by the Computer Service Center Work Order System.
- Monitor community involvement through the Community Education and Facilities Reservations Departments.
- Monitor purchase orders and budgets through the Dun and Bradstreet Finance System.
- Monitor student achievement (grades, benchmarks, common assessments, TAKS, etc.) through various data management systems (Triand, SQP, Discoverer, GradeSpeed, Texas Math Diagnostic System, etc.).

## **APPENDIX**

### **Attachment item A:**

NEISD Educational Technology Program Initiatives

Web site: [http://www.neisd.net/et/Program\\_Initiatives.html](http://www.neisd.net/et/Program_Initiatives.html)

### **Attachment item B:**

TCEA Presentation support page - includes Educator and Campus Technology Excellence Indicator System

Web site: <http://www.neisd.net/tcea/>

### **Attachment item C:**

NEISD Technology Standards for Students

Web site: [http://www.neisd.net/et/tech\\_apps.html](http://www.neisd.net/et/tech_apps.html)

### **Attachment item D:**

NEISD Educational Technology Elementary Newsletter - contains lessons and other useful resources

Web site: <http://www.neisd.net/et/elemnews/index.html>

### **Attachment item E:**

NEISD Educational Technology Secondary Newsletter - contains lessons and other useful resources

Web site: <http://www.neisd.net/et/secondary/index.html>

### **Attachment item F:**

NEISD Acceptable Use Policy

Web site: <http://www.neisd.net/aup/index.htm>

**Attachment item G:**

NEISD Community Education Site

Web site: <https://communityed.neisd.net/root/default.aspx>

**Attachment item H:**

NEISD Library Services page - online database and other resources

Web site: <http://www.neisd.net/read/index.htm>

**Attachment item I:**

NEISD Home Page

Web site: <http://www.neisd.net/>

**Attachment item J:**

An example of a NEISD Teacher Web page

Web site: <http://tw.neisd.net/webpages/dhoyer/index.cfm>