

IRAAN-SHEFFIELD ISD Technology Plan

2004 - 2007

KEVIN ALLEN

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 18
Address P O BOX 486
City, State Zip IRAAN, TX 797440486
Phone (432) 639-2512
Fax (432) 639-2501
County District Number 186903

Number of Campuses	4
Total Student Enrollment	511
District Size	500 - 999
Percent Econ. Disadvantaged	44.03%

Technology Expenditures	\$114,000.00
Technology budgets reported in plan by category	Teaching and Learning Budget \$25,000.00 Educator Preparation and Development Budget \$45,000.00 Administration and Support Services Budget \$20,000.00 Infrastructure for Technology Budget \$24,000.00 Total: \$114,000.00
Technology Expenditure Per Pupil	\$223.09
Number of Campuses with Direct Connection to Internet	4
Percentage of Campuses with Direct Connection to Internet	100.00%
Number of Classrooms with Direct Connection to Internet	44
Percentage of Classrooms with Direct Connection to Internet	100.00%
Computer/Student Ratio	2 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	3
Percentage of campuses that have completed the Texas Campus STaR Chart	100.00 %

Plan Introduction

Last Updated 05/19/2004

Plan status	returned for modifications
Years Included in the Plan	2004 - 2007
Number of years covered by the plan:	3

Technology Planning Committee

Michael Meek – Technology Coordinator
Benny Hernandez – Principal, Iraan High School
Renea Maxcey – Asst. Principal, Iraan Junior High
Blake Andrews – Principal, Iraan Elementary
Candy Cade – Principal, TYC Sheffield Facility
Cheryl Sides – Teacher, Iraan High School
Cindy Radway – Teacher, Iraan Elementary
Jan Dodds – Teacher, Iraan Junior High
Robert McCall – High School Student
Mandi Spittler – High School Student
Ramon Prieto – Parent
Randy Peterson – Parent
Junior Dominguez – Community Member
Jay Kent – Community Member

Executive Summary

Purpose

Iraan-Sheffield ISD has prepared this Long-Range Technology Plan to articulate a common vision for technology in the district and identify the strategies that will help us use advanced technology to improve the academic achievement, including technology literacy, of all students of rigorous curriculum standards and the development of critical thinking skills that are essential for academic and workplace success and build the capacity of all teachers to integrate technology effectively into curriculum and instruction.

Background

This plan is based on information drawn from many sources including:

- A survey of school site hardware and instructional media
- A survey of teachers
- A survey of administrators
- Other district technology plans
- Experience from other school districts

Parameters

This Long-Range Technology Plan is driven by the state curriculum standards and supports the educational mission and instructional goals of Iraan-Sheffield ISD and by the No Child Left Behind Act of 2001. Specific attention is given to addressing student standards for technology as defined by the Technology Applications Texas Essential Knowledge and Skills (TEKS), required in the Texas Education Code, Section 28.002. The Technology Applications TEKS found in 19 TAC Chapter 126 describe what students should know and be able to do using technology. As a part of the enrichment curriculum, these TEKS are to be used as guidelines for providing instruction. The goal of the Technology Applications TEKS is for students to gain technology-based knowledge and skills and to apply them to all curriculum areas at all grade levels.

The plan stresses the importance of ongoing and sustained staff development in the integration of technology into the curriculum for teachers, principals, administrators, and school library media personnel to further the effective use of technology in the classroom or library media center. It also is consistent with the recommendations for LEAs as defined by the Texas Long-Range Plan for Technology in the areas of Teaching and Learning, Educator Preparation and Development, Administration and Support Services, and Infrastructure for Technology, as well as the e-rate applications guidelines, and other state standards, such as the newly adopted Technology Applications Standards for Beginning Teachers.

Needs Assessment

Assessment Process:

Through teacher surveys, technology planning committee meetings and input from the community, staff, and students, Iraan-Sheffield ISD is in need mostly of training for staff to be better able to utilize and incorporate technology into their classrooms daily. Emphasis will be put on obtaining quality training for all staff members.

Existing Conditions:

A comprehensive needs assessment utilizing teacher/student surveys, inventories and the Texas Campus STaR Chart was conducted to analyze the current status of technology in the district and determine future needs. Items analyzed included: infrastructure, hardware, software, programs, courses, student achievement, technology resources, staff development, and technical support. Findings from this needs analysis are as follows.

Current Situation

The following technology is currently in place district-wide:

- Direct connection to the Internet via T1 leased line to company.
- District web servers in place providing district information and student work.
- Written policies in place on acceptable use of the Internet, World Wide Web content, network management, and equipment donations.
- Distance learning lab available for students, staff, and community members.
- T-STAR satellite receiver used for district training and information.
- Four network drops in every classroom.
- Computer projectors on every campus for classroom checkout.
- Fiber-backbone, Ethernet-to-the-desktop connected computer labs with two file servers.
- Networked online card catalog, Internet access, Texas Library Connection, and automated checkout in the library.
- Computer projectors for classroom checkout through the library.

Software

Microsoft Office, RSCCC, Accelerated Reader, Accelerated Math, Spectrum Winnebago, Microsoft FrontPage, Microsoft Publisher, Adobe Acrobat, Adobe Pagemaker, Adobe Photoshop, EliteVision, Odysseyware.

Telecommunications Services

Currently, all students and staff members in the school district have access to the Internet, through a direct connection (as cited above in the Statement of Existing Conditions). LANs are in place on every campus.

Inventory

The latest inventory of current technology available for student use in Iraan-Sheffield ISD as of April, 2004 is given in the chart below. Only current, non-obsolete (Pentium speed or better; at least 32MB RAM; network-capable) student computers are listed. The list does not include administrative computers or file servers.

CAMPUS # STUDENTS TOTAL COMPUTERS RATIO

Elementary 195 84 2.3:1
 Junior High 97 45 2.2:1
 High School 145 56 2.6:1
 TYC 105 70 1.5:1
 GRAND TOTALS 542 255 2.1:1

Technology Needs:

Iraan-Sheffield ISD developed goals and objectives based upon the recommendations defined by the Texas Long-Range Plan for Technology in the areas of Teaching and Learning, Educator Preparation and Development, Administration and Support Services, and Infrastructure for Technology.

Teaching and Learning

Teaching & Learning focuses on the instructional needs of teachers and the learning needs of students in meeting the vision of technology in education.

Goals that will be addressed include:

- To improve the academic achievement, including technology literacy, of all students.
- To integrate technology (including software and electronically delivered learning materials) into curricula and instruction, and utilize a timeline for this integration.

Educator Preparation and Development

Educator Preparation and Development addresses the staff development needs not only of teachers but also of all the members of the professional education community.

Goals that will be addressed in this area include:

- To improve the capacity of all teachers to integrate technology effectively into curriculum and instruction.
- To provide training to identify and promote curricula and teaching strategies that integrate technology effectively into curricula and instruction, based on a review of relevant research and leading to improvements in student academic achievement.
- To provide ongoing, sustained professional development for: teachers, principals, administrators, and school library media personnel to further the effective use of technology in the classroom and the library media center.

Goals, Objectives, and Strategies

GOAL 1: Teaching and Learning				
OBJECTIVE 1.1: To improve the academic achievement, including technology literacy, of all students.				
<i>Budget Amount \$7500.00</i> <i>LRPT category: Teaching and Learning</i>				
E-Rate Correlates: NCLB Correlates: 01 04a 05 11				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.1.1:	Purchase and maintain educational software Comments: LEA LRPT Correlates: TL07 TL10	2004-2007	Technology Coordinator Campus Principals Teachers	Invoices are paid and software is used in classes
1.1.2:	Students will be required to take keyboarding and BCIS courses. Comments: LEA LRPT Correlates: TL02	2004-2007	Principals Counselor	Students are proficient in keyboarding skills.
1.1.3:	Implement TAKS based learning curriculum for PK-8th grade levels for reinforcement through technology Comments: LEA LRPT Correlates: TL01 TL02 TL07 TL11	2004-2007	Technology Coordinator Administrators Teachers	Improved TAKS scores.
OBJECTIVE 1.2: To integrate technology (including software and electronically delivered learning materials) into curricula and instruction, and utilize a timeline for this integration				
<i>Budget Amount \$17500.00</i> <i>LRPT category: Teaching and Learning</i>				
E-Rate Correlates: NCLB Correlates: 01 02 03 05 07 11				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
1.2.1:	Students will have access to the Technology Center for varied projects. Comments: LEA LRPT Correlates: I02 I07 TL08 TL10 TL15	2004-2007	Technology Coordinator Campus Principals Teachers	Students utilize technology center.
1.2.2:	Provide digital video cameras, scanners, and other digital recording equipment for students.	2004-2007	Library Staff Administration Technology	Students have access to digital recording equipment.

	<p>Comments:</p> <p>LEA LRPT Correlates: TL10 TL18</p>		<p>Coordinator</p>	
1.2.3:	<p>Teachers will incorporate the Technology Application TEKS within the content area.</p> <p>Comments:</p> <p>LEA LRPT Correlates: AS01 EP02 EP13 I01 I08 TL01 TL08 TL09 TL12 TL13 TL14</p>	2004-2007	<p>Campus Principals Superintendent Teachers</p>	<p>PDAS and local requirements.</p>
1.2.4:	<p>Offer the Technology Applications courses.</p> <p>Comments:</p> <p>LEA LRPT Correlates: TL06 TL10</p>	2004-2007	<p>Principals Counselor</p>	<p>Students are enrolled in Technology Application courses.</p>
1.2.5:	<p>Students will participate in concurrent courses using the distance learning labs.</p> <p>Comments:</p> <p>LEA LRPT Correlates: TL16</p>	2004-2007	<p>Technology Coordinator Counselor Teachers</p>	<p>Students are enrolled in concurrent courses.</p>

GOAL 2: Educator Preparation and Development				
<p>OBJECTIVE 2.1: To improve the capacity of all teachers to integrate technology effectively into curriculum and instruction.</p> <p><i>Budget Amount \$15000.00</i> <i>LRPT category: Educator Preparation and Development</i></p> <p>E-Rate Correlates: ER02 NCLB Correlates: 01 04a 04b 07 11 12</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.1.1:	Provide opportunities for teachers to attend conferences and workshops relating to technology. Comments: LEA LRPT Correlates: EP01 EP07 EP08 EP09	2004-2007	Campus Principals Superintendent Business Manager	Staff exhibits increased technological skills.
2.1.2:	Utilize the distance learning labs for further education and staff development. Comments: LEA LRPT Correlates: EP11	2004-2007	Campus Principals Superintendent Teachers Technology Coordinator	Greater ability for staff to attend training and workshops at decreased cost and loss of time.
2.1.3:	Train to incorporate grade-level TA TEKS in lesson plans. Comments: LEA LRPT Correlates: EP02 EP03	2004-2007	Principals	Lesson Plans.
2.1.4:	Training will be provided to staff for compliance with the minimum SBEC technology application standards. Comments: LEA LRPT Correlates: AS01 AS02 EP04 EP08 EP09 TL03 TL04 TL05	2004-2007	Campus Principals Administration Technology Coordinator	All staff will be proficient using district software required for their curriculum, etc...
<p>OBJECTIVE 2.2: To provide training to identify and promote curricula and teaching strategies that integrate technology effectively into curricula and instruction, based on a review of relevant research and leading to improvements in student academic achievement.</p> <p><i>Budget Amount \$15000.00</i> <i>LRPT category: Educator Preparation and Development</i></p> <p>E-Rate Correlates: ER02 NCLB Correlates: 01 02 04a 04b 07</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.2.1:	Provide district-wide technology skills assessment.	2004-2007	Technology Coordinator	Assessment sheets.

	Comments: LEA LRPT Correlates: EP08		Administration	
2.2.2:	Plan technology staff development based upon needs shown from technology skills assessment. Comments: LEA LRPT Correlates: EP03 EP05 EP07 EP08 EP09 EP10 EP11 EP12 EP13 EP14 TL20	2004-2007	Technology Coordinator Administration	Evaluation Sheets. Sign-in sheets.
2.2.3:	Train to incorporate grade-level TA TEKS in lesson plans. Comments: LEA LRPT Correlates: EP02 EP10	2004-2007	Principals	Lesson Plans
2.2.4:	Training will be provided to staff for compliance with the minimum SBEC technology application standards. Comments: LEA LRPT Correlates: EP04 EP09 TL03 TL04 TL05	2004-2007	Technology Coordinator Administration	All staff will be proficient using district software required for their curriculum, etc...
<p>OBJECTIVE 2.3: To provide ongoing, sustained professional development for teachers, principals, administrators, and school library media personnel to further the effectiveness of technology in the classroom and the library media center.</p> <p><i>Budget Amount \$15000.00</i> <i>LRPT category: Educator Preparation and Development</i></p> <p>E-Rate Correlates: ER02 NCLB Correlates: 01 02 03 04a 04b 06 07 08 11 12</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
2.3.1:	Provide opportunities for teachers to attend conferences and workshops relating to technology. Comments: LEA LRPT Correlates: EP01 EP02 EP03 EP05 EP06 EP07 EP08 EP09 EP10 EP11 EP12 EP13 EP14	2004-2007	Campus Principals Superintendent Business Manager	Staff exhibits increased technological skills.
2.3.2:	Utilize the distance learning labs for further education and staff development. Comments: LEA LRPT Correlates: EP11	2004-2007	Campus Principals Superintendent Technology Coordinator	Greater ability for staff development at decreased cost.
2.3.3:	Train to incorporate grade-level TA TEKS in	2004-	Principals	Lesson Plans

	lesson plans. Comments: LEA LRPT Correlates: EP02 EP13	2007		
2.3.4:	Training will be provided to staff for compliance with the minimum SBEC technology application standards. Comments: LEA LRPT Correlates: EP02 EP03 EP04 EP09 EP13 TL03 TL04 TL05	2004-2007	Principals Teachers Administration Technology Coordinator	All staff will be proficient using district software required for their curriculum, etc...

GOAL 3: Administration and Support Services			
<p>OBJECTIVE 3.1: To provide supporting resources, such as services, software, other electronically delivered learning materials, and print resources, that will be acquired to ensure successful and effective uses of technology.</p> <p><i>Budget Amount \$10000.00</i> <i>LRPT category: Administration and Support Services</i></p> <p>E-Rate Correlates: ER01 NCLB Correlates: 01 03 10 12</p>			
<i>Strategies</i>	<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.1.1: Provide a Technology Campus Assistant for each campus that will be trained in networking, computer maintenance and repair, and available for teacher support Comments: LEA LRPT Correlates: AS08	2004-2007	Technology Coordinator Superintendent Business Manager	Better support for teachers and students.
3.1.2: Provide training on Gradespeed, Internet, network use, phone system, etc..., to new employees. Comments: LEA LRPT Correlates: AS03 AS08	2004-2007	Technology Coordinator Campus Principals Technology Assistants	All staff will be proficient using technology available to them.
3.1.3: Provide annual upgrades for Gradespeed, RSCCC, Tax Accounting software, etc... Comments: LEA LRPT Correlates: AS03	2004-2007	Technology Coordinator Superintendent Business Manager	ISISD has access to latest updates and utilizes software throughout district.
3.1.4: Maintain district web page for teachers, students, and community. Comments: LEA LRPT Correlates: AS04 AS05 I09 I15 TL19	2004-2007	Technology Coordinator Technology Applications Teacher Campus Principals Superintendent	Web site is current and provides access to important information.
3.1.5: Provide community training on computer use such as internet searches and browsing, and training on Microsoft Office. Comments: LEA LRPT Correlates: I09 TL19 TL21	2004-2007	Superintendent, Technology Coordinator, Technology Teachers	Signin sheets, community has improved technology skills
<p>OBJECTIVE 3.2: To use technology effectively to promote parental involvement and increase communication with parents.</p> <p><i>Budget Amount \$10000.00</i> <i>LRPT category: Administration and Support Services</i></p> <p>E-Rate Correlates: ER01</p>			

NCLB Correlates: 09				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
3.2.1:	Maintain cable channel for community and district information. Comments: LEA LRPT Correlates: AS05 I11 I15	2004-2007	Technology Coordinator Superintendent	Channel has current information.
3.2.2:	Maintain board policy online for faculty and staff access. Comments: LEA LRPT Correlates: AS05 I15	2004-2007	Technology Coordinator	Link on web site.
3.2.3:	Participate in the comprehensive state technology system. Comments: LEA LRPT Correlates: I13	2004-2007	Technology Coordinator Superintendent Business Manager	Participation.
3.2.4:	Inform community of technology use in school system through open house and student projects. Comments: LEA LRPT Correlates: AS05 I09 I15 TL19	2004 - 2007	Principals, Teachers, Superintendent	Parents signin sheets at open house. Students completed projects shown through various means.

GOAL 4: Infrastructure for Technology				
<p>OBJECTIVE 4.1: To ensure that all students and teachers have increased access to technology.</p> <p><i>Budget Amount \$12000.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: NCLB Correlates: 03 05</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.1.1:	Provide enough computers to for a 4:1 student to computer ratio and a 1:1 teacher to computer ratio. Comments: LEA LRPT Correlates: I03 I04 I05 I06 I07	2004-2007	Technology Coordinator Campus Principals Superintendent Business Manager	Students have access to technology.
4.1.2:	Continue to provide distance learning labs for student use. Comments: LEA LRPT Correlates: AS06 AS07 I02 TL16 TL17	2004-2007	Technology Coordinator Superintendent Business Manager	Students have access to technology.
4.1.3:	Provide and maintain computer labs. Comments: LEA LRPT Correlates: I04 I07 I14 TL21	2004-2007	Technology Coordinator Campus Principals Superintendent Business Manager	Students have access to technology.
4.1.4:	Maintain Internet access for student use. Comments: LEA LRPT Correlates: I10	2004-2007	Technology Coordinator Superintendent Business Manager	Students have access to technology.
4.1.5:	Secure external funding for technology infrastructure. Comments: LEA LRPT Correlates: I11 I12	2004-2007	Technology Coordinator Superintendent Business Manager	Grants awarded, other possible income obtained.
<p>OBJECTIVE 4.2: To ensure a policy of Internet safety that includes measures to block or filter content for both minors and adults to certain visual depictions.</p> <p><i>Budget Amount \$12000.00</i> <i>LRPT category: Infrastructure for Technology</i></p> <p>E-Rate Correlates: NCLB Correlates: 12</p>				
<i>Strategies</i>		<i>Timeline:</i>	<i>Person(s) Responsible:</i>	<i>Evidence:</i>
4.2.1:	All computers will have Internet filtering.	2004-	Technology	Filtering is in place.

	Comments: LEA LRPT Correlates:	2007	Coordinator Superintendent	
4.2.2:	All users of ISISD equipment will read and accept ISISD's and Edlink 18 Acceptable Use Policy. Comments: LEA LRPT Correlates:	2004-2007	Technology Coordinator Campus Principals	AUP's on file.

Budget

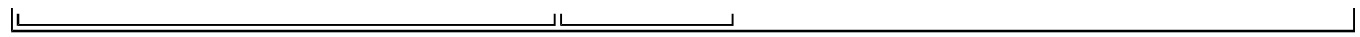
Total amount of Title II, Part D formula funds received for the current year of this plan: \$3097.00

Method of application for formula funds: Local Application

Budget year 2004		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$10000.00	Local Funds - 7000 Title II Funds - 3000
Telecommunications & Internet Access	\$5000.00	Local Funds
Materials & Supplies	\$8000.00	Local Funds
Equipment	\$8000.00	Local Funds
Maintenance	\$4000.00	Local Funds
Miscellaneous Expenses	\$3000.00	Local Funds
Total	\$38,000.00	

Budget year 2005		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$10000.00	Local Funds - 7000 Title II Funds - 3000
Telecommunications & Internet Access	\$5000.00	Local Funds
Materials & Supplies	\$8000.00	Local Funds
Equipment	\$8000.00	Local Funds
Maintenance	\$4000.00	Local Funds
Miscellaneous Expenses	\$3000.00	Local Funds
Total	\$38,000.00	

Budget year 2006		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$10000.00	Local Funds - 7000 Title II Funds - 3000
Telecommunications & Internet Access	\$5000.00	Local Funds
Materials & Supplies	\$8000.00	Local Funds
Equipment	\$8000.00	Local Funds
Maintenance	\$4000.00	Local Funds
Miscellaneous Expenses	\$3000.00	Local Funds
Total	\$38,000.00	



Evaluation

Evaluation Process:

Evaluation of the Technology Plan will be a systematic ongoing process. All aspects of the Plan will be evaluated formally four times each year:

September 2004, 2005, 2006

December 2004, 2005, 2006

March 2005, 2006, 2007

June 2005, 2006, 2007

The Technology Plan Committee will be responsible for the ongoing evaluation of this plan. The intention of the evaluation will be to make decisions on the impact that technology has on the learning process for all students. A report will be given to the Superintendent and the Board of Trustees after each formal evaluation occurs.

Evaluation Method:

Iraan-Sheffield ISD's STaR Chart results for each campus will be used to help Iraan-Sheffield ISD assess its progress toward meeting the goals of the Long Range Plan for Technology.

Other methods used for evaluation will include:

- Surveys of the staff conducted twice yearly in regards to their use of technology in the classroom.
- Records of staff member participation in technology training monitored by sign-in sheets and teacher professional development records.
- Integration of training into the classroom as measured by lesson plans and number and type of technology and distance learning projects.
- Monitoring and documentation of community access to technology resources and information on the campuses and on the web site.
- Monitoring and documentation of community involvement.
- Yearly inventory of hardware and software.
- Support and maintenance of technology as documented by technical support records.

Appendix

Attachment item A:

Iraan-Sheffield ISD Acceptable Use Policy

PDF file:  <http://isisd.esc18.net/info/Technology/AUP/isisdaup.pdf>

Attachment item B:

Edlink 18 Acceptable Use Policy

PDF file:  <http://isisd.esc18.net/info/Technology/AUP/Edlink18AUP.pdf>

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