

NORTH ZULCH ISD Technology Plan

2017 - 2018

Alan Andrus

SUPERINTENDENT

DISTRICT PROFILE

ESC Region 6
City, State Zip North Zulch, TX 77872
Phone (936) 241-7100
Fax (936) 241-7093
County District Number 154903

Number of Campuses	1
Total Student Enrollment	353
District Size	Under 500
Percent Econ. Disadvantaged	90.00%

Technology Expenditures	\$204,000.00										
Technology budgets reported in plan by category	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;">Teaching and Learning Budget</td> <td style="text-align: right;">\$62,500.00</td> </tr> <tr> <td>Educator Preparation and Development Budget</td> <td style="text-align: right;">\$50,000.00</td> </tr> <tr> <td>Leadership, Administration and Support Budget</td> <td style="text-align: right;">\$15,500.00</td> </tr> <tr> <td>Infrastructure for Technology Budget</td> <td style="text-align: right;">\$76,000.00</td> </tr> <tr> <td>Total:</td> <td style="text-align: right;">\$204,000.00</td> </tr> </table>	Teaching and Learning Budget	\$62,500.00	Educator Preparation and Development Budget	\$50,000.00	Leadership, Administration and Support Budget	\$15,500.00	Infrastructure for Technology Budget	\$76,000.00	Total:	\$204,000.00
Teaching and Learning Budget	\$62,500.00										
Educator Preparation and Development Budget	\$50,000.00										
Leadership, Administration and Support Budget	\$15,500.00										
Infrastructure for Technology Budget	\$76,000.00										
Total:	\$204,000.00										
Technology Expenditure Per Pupil	\$577.90										
Number of Campuses with High-Speed Broadband Internet Access that meets the current FCC target	1										
Percentage of Campuses with High-Speed Broadband Internet Access that meets the current FCC target	100.00%										
Number of Classrooms with WiFi Access	37										
Percentage of Classrooms with WiFi Access	100.00%										
Computing Device/Student Ratio (include Computers and Tablets, but not cell phones)	1 student(s) for every computing device										
Computing Device/Teacher Ratio (include Computers and Tablets, but not cell phones)	1 teacher(s) for every computing device										
CIPA Compliance	CIPA compliance was certified by the district on 09/08/2017. CIPA compliance was certified by the district on 09/8/2016. The Board of Trustees or Governing Board for NORTH ZULCH ISD held a public hearing on its Internet Safety Policy and adopted its policy on September 8, 2016. The public hearing was publicized according to district or school policies and the adoption of the policy is reflected in the minutes of the board of trustees or governing board.										

Plan Introduction

Plan Last Edited 09/19/2017

Plan status: approved
Years Included in the Plan: 2017 - 2018
Number of years covered by the plan: 1
Years Filed for the Plan: 2017 - 2018
Number of approved years: 1

Does the district file E-rate? yes
Billed Entity Number: 141424
Is district filing for Category 1 services this funding year: yes
Is district filing for Category 2 services this funding year: yes

Technology Planning Committee

CTO - Jack Dacus; Special Education - Kori Batten; HS Core Teacher - Joan Osth; HS Tech Teacher - Denise Dacus; Gifted/Talented Mentor - Dawn Grove; JH Core Teacher - Lori O'Neal; Elementary Core Teacher - Blair Dozier; Athletics - Jim O'Neal; Community Rep - Jill May

Executive Summary

The North Zulch Independent School District has prepared this 2017-2018 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 academic achievement, including technology literacy, of all students. This commitment includes providing access to high quality technologies for teaching, learning, and district and campus operations; providing high quality professional development to promote learner-centered approaches to technology integration ensuring a safe and healthy technology environment; and using technology to promote highly effective communication and collaboration with students, staff, parents, and the community. The Long Range Plan for Technology of the Texas State Board for Education "plots the course for meeting educational needs through technology and for implementing changes in education. Both technology and the field of education are fluid; applying advances in the former to the practice of the latter we can achieve a vision of education that has been yet unattainable". Attaining this vision requires effort on the part of educators to keep up with technology and to guide the development of technology to best meet educational goals. Educators must have opportunities to understand that the use of technology does not replace the "basics" but rather enhancing instruction, which makes this knowledge all the more critical and powerful. The application of technology benefits every subject area. A fundamental aspect of this plan is continuation of teacher development, matching infrastructure to current and future needs, and accountability to cross curriculum integration. This plan encourages coordination across all education programs for learners. The ideas in this plan help to ensure equitable access by all students to the technology infrastructure and to the learning resources. In recognizing the ever changing influences of technology in all aspects of our lives, the North Zulch Independent School District is committed to providing every student with technology related instruction. The educational process can be supported by the use of technology as both the object of instruction as a tool for learning without replacing the role and expertise of the teacher. Technology is a necessary tool for instructional delivery at all ability levels throughout the curricular areas in order to maximize communication and thinking skills. All students must be able to function effectively in an increasingly technological society. Students will understand the ways in which technology is permeating all aspects of society and will be able to meaningfully apply this acquired knowledge as well as have working knowledge of current software.

Needs Assessment

Assessment Process:

This Technology Plan is a fluid document that is updated annually as part of the Site Based District Improvement Plan (DIP). The Improvement Plan is an outgrowth of a needs assessment based on the Academic Excellence Indicator System report from the Texas Education Agency. The District Improvement Plan specifies how technology is an integral part of the larger goal of improvement in student performance. Goal 3 of the District Improvement Plan states The campus will foster excellence that flows from the ability to use today's information, tools and technologies? and lists the need for constant upgrading of technology resources. The NZISD goal aligns itself with the National Education Technology Plan of 2010, correlates with the Texas Long-Range Plan for Technology and the federal Goals 2000: Educate America Act requirements for introducing state of the art technologies into classrooms and school libraries.

Existing Conditions:

The district currently has a mixture of several different classroom technology platforms. All teachers and administrators have been equipped with new laptops. Classroom technology includes laptops, iPads, iPods, Chromebooks. The District currently has four servers, 1 server is running Windows Server 2012 DataCenter with a HYPER-Virtualized File server running on the machine along with VM's of Point of Sale and Credit recovery software; 2 servers are running Windows Server 2012 with several HYPER-Virtualized machines such as the Domain Controller, DHCP and a Print Server; 1 server as a backup to the other 3 servers. North Zulch ISD is a "Google Apps for Education" District utilizing staff and student Gmail accounts, while making extensive use of the collaborative tools available as part of Google's App system. District internet consists of a 100Mb EIA broadband circuit for instruction and Distance Learning. The District manages its' own content filter, router and email archive. The library has become a versatile environment for Project Based Learning available for small groups to do research, Accelerated Reader and other projects as well as searching on-line library catalogs. High School students have access to 225 "Chromebook" computers in 11 mobile carts. There are now 3 Computer labs with different purposes. There is one 29 seat Technology lab available for teaching MS Office training and Advanced graphics classes. A 26 seat Elementary lab for general technology studies. All classrooms are equipped with interactive whiteboards. The District utilizes a very robust wireless environment with secured wireless access points. Regular meetings of the Technology Committee are held on a quarterly basis to assess the current needs as well as investigate any future needs and options available. Every employee and student has a unique login, password, and folder that are accessible from any computer on the local network. An assessment of current technology software and hardware is an on-going process with all new equipment being bar-coded and scanned into an asset database. All software and computer accessories and peripherals are currently secured in the Technology office and are checked out on an as-needed basis. This allows for the update and maintenance of such equipment and the software installed on the laptops.

Technology Needs:

Identified Needs The following areas have been identified as current needs for North Zulch ISD: Infrastructure 1. The Cat5e cabling to all classrooms needs to be removed and replaced with Cat6 cabling. Instructional 2. Create comprehensive professional development program for technology integration into the curriculum. 3. Ensure that Technology Application TEKS are fully integrated into the curriculum as mandated by TEA. 4. Integrate more web-based instructional software. 5. Introduce project level instruction with handheld mobile devices. Overall assessment prepared September 2017 and is attached as Appendix B.

Goals, Objectives, and Strategies

GOAL 1: Teaching and Learning. North Zulch ISD will integrate information technology into the school curriculum to enhance student learning.

OBJECTIVE 1.1: Deliver instruction to students using technology integrated into the curriculum

Budget Amount \$4,500.00
LRPT category: Teaching and Learning

District Improvement Plan Goals supported by this objective:

- Objective 1.6 By June 2017, the district will provide a technology rich environment educational environment that enhances individual learning.

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.1.1:	The district will utilize interactive lesson plans from Promethian websites to enhance teacher lesson plans. Comments: There are no associated costs for this strategy. LEA LRPT Correlates: TL08	State: Original Status: In Progress	2017-2018	Teachers	Lesson plans, surveys, quarterly review
1.1.2:	Teachers will have students utilize technology for research, multimedia presentations and simulations utilizing Web 2.0 tools. Comments: There are no associated costs for this strategy. LEA LRPT Correlates: TL05, TL08	State: Original Status: In Progress	2017-2018	Principal Teachers	Lesson plans, surveys, quarterly review
1.1.3:	Utilize acquired Plato software for alternative lesson plan delivery. Comments: This is a \$45,000.00 dollar, 3-year contracted budget item subject to approval. This is not an ERATE item. LEA LRPT Correlates: LAS15, TL03	State: Original Status: In Progress	2017-2018	Principal Teachers	Grades, transcripts, usage logs Semi-annual review
1.1.4:	Utilize Renaissance Learning's web-based Accelerated Reading program and STAR Math to enhance ELA/Math instruction in grades 1-12. Comments: This is a \$2235.00 dollar budget item. This is not an ERATE item. LEA LRPT Correlates: LAS15, TL04, TL10	State: Original Status: In Progress	2017-2018	Teachers Librarian	Grades, transcripts, usage logs, Semi-annual review and improvement in Reading Assessments/TAKS scores

OBJECTIVE 1.2: Implement strategies to meet the expectations for students in the Technology Applications TEKS.

Budget Amount \$0.00
LRPT category: Teaching and Learning

District Improvement Plan Goals supported by this objective:

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.2.1:	Determine equipment and software needs required by the TA TEKS for all campuses. Comments: There are no associated costs for this strategy. LEA LRPT Correlates: I01, LAS02, TL01	State: Original Status: In Progress	2017-2018	Technology Director Teachers	Meetings scheduled Data presented to Board of Education Annual review
1.2.2:	Provide curriculum that ensures students understand the use, dangers and consequences of providing personal information and data online. Comments: No funds are required for this strategy LEA LRPT Correlates: TL14	State: Original Status: Planned	2017-2018	Principal Counselor Teachers	Course completion

OBJECTIVE 1.3: Provide access by students to the best available electronic information resources and other appropriate sites.

District Improvement Plan Goals supported by this objective:

Budget Amount \$40,000.00
LRPT category: Teaching and Learning

- Objective 1.6 By June 2017, the district will provide a technology rich environment educational environment that enhances individual learning.

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.3.1:	Maintain automated library services to give students access to the card catalog and other resources from the classroom LEA LRPT Correlates: TL09, TL11, TL14	State: Original Status: In Progress	2017-2018	Technology Director Librarian	Equipment is in place Check-out records Annual review
1.3.2:	Provide an NZISD web site with links to approved information resources for both students and teachers. Comments: This is a \$1250.00 budget item. LEA LRPT Correlates: TL16	State: Original Status: In Progress	2017-2018	Technology Director	Web site is in place, Annual review

OBJECTIVE 1.4: Provide parents and other community with information concerning educational resources available from local, State, and Federal agencies.

District Improvement Plan Goals supported by this objective:

Budget Amount \$0.00
LRPT category: Teaching and Learning

- Objective 3.1 NZISD will increase parent and community involvement by 10% in academic and extracurricular activities

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.4.1:	Provide information and web-based links to adult computer literacy classes. Comments: There are no associated costs for this strategy. LEA LRPT Correlates: TL15	State: Original Status: In Progress	2017-2018	Technology Director	Website provides links to information concerning adult computer literacy classes.
1.4.2:	Provide a uniform web presence for all teachers to post homework assignments and class information linked from the campus web page as well as a secure area for parents to access grades and attendance. Comments: There are no associated costs for this strategy. Website costs have been covered under Strategy 1.3.2 LEA LRPT Correlates: I03, I08, LAS09, LAS11, TL15, TL16	State: Original Status: In Progress	2017-2018	Technology Director Principal	Web pages are present and updated Semester review
1.4.3:	Provide parents and the community with current information as well as links to each campus website, current employment opportunities, best technology practices, and links to academic resources. LEA LRPT Correlates: I03, I08, LAS09	State: Original Status: In Progress	2017-2018	Superintendent Principal Technology Director Teachers	Successful use of information by community Access to information determined by website statistics
1.4.4:	Ensure that the Parent/Community Learning Center continues to provide the most up-to-date educational resources and offers a wide variety of activities designed to enhance the communities continued learning experience. Comments: Funds are made available through Federal and State Grants LEA LRPT Correlates: LAS09, LAS13, TL15	State: Original Status: Completed	Completed	Parent Center Coordinator	Increased use of facilities for continued education

OBJECTIVE 1.5: Address specialized technology needs of specific student populations (such as Bilingual, Special Education, or Gifted/Talented).

District Improvement Plan Goals supported by this objective:

Budget Amount \$10,000.00
LRPT category: Teaching and Learning

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.5.1:	Ensure accessibility by all students to available technology and provide access to adaptive/assistive devices where needed. Comments: There are no associated costs for this strategy. Any funding of this strategy will be provided by Grimes County Coop or through federal funds under ARRA. LEA LRPT Correlates: I05, TL09	State: Original Status: In Progress	2017-2018	Principal Director of Special Education	Survey results, Semi-annual review
1.5.2:	Implement a plan to meet technology needs of specific student populations Comments: There are no associated costs for this strategy. LEA LRPT Correlates: LAS05, TL07	State: Original Status: In Progress	2017-2018	Principal Director of Special Education Technology Director	Completed plan, Semi-annual review

OBJECTIVE 1.6: Use distance learning to provide educational services, enhance curriculum offerings and provide information to students, parents and other community members

Budget Amount \$8,000.00
LRPT category: Teaching and Learning

District Improvement Plan Goals supported by this objective:

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
1.6.1:	Teachers and K-12 students will make use of interactive video capabilities to assist in learning by attending video conference field trips and by taking concurrent and inter-district classes via the distance learning system. Comments: This is a \$10,000.00 dollar budget item. This is an ERATE item and a Form 471 has been submitted. LEA LRPT Correlates: LAS10, LAS15, TL08, TL09, TL12, TL13	State: Original Status: Planned	2017-2018	Principal Technology Director	Equipment will be in place Documentation of all video-conference sessions Quarterly review
1.6.2:	Develop relationships with schools in other communities, states, and countries via distance learning in order to provide direct contact between students for cultural exchange. Comments: There are no associated costs for this strategy. LEA LRPT Correlates: TL12, TL13	State: Original Status: In Progress	2017-2018	Technology Director Teachers	List of possible distance learning partners, Quarterly review
1.6.3:	Provide information and access to students for dual credit courses taught via distance learning Comments: There are no associated costs for this strategy. Costs for Distance Learning are incurred through enrollment. LEA LRPT Correlates: TL08, TL09, TL13	State: Original Status: In Progress	2017-2018	Principal Counselor	Meeting notes, Semi-annual review
1.6.4:	Provide information and access to students and parents about web-based distance learning credit courses Comments: There are no associated costs for this strategy. Costs for Distance Learning are incurred through enrollment. LEA LRPT Correlates: LAS04, LAS10, TL10	State: Original Status: In Progress	2017-2018	Principal Counselor	Meeting logs Annual review
1.6.5:	Seek and evaluate web delivered distance learning programs for curriculum and administrative needs.	State: Original	2017-2018	Principal Technology	Semi-annual review

	Comments: There are no associated costs for this strategy. Costs for Distance Learning are incurred through enrollment. LEA LRPT Correlates: LAS10, TL12	Status: In Progress		Director Teachers	
--	---	---------------------	--	-------------------	--

GOAL 2: Educator Preparation and Development. To provide ongoing, sustained, professional development for teachers, administrators, staff, and school library media personnel that ensure the integration of 21st century tools in the curriculum.

OBJECTIVE 2.1: Provide professional development on integrating technology into teaching and learning as well as into instructional management

Budget Amount \$50,000.00

LRPT category: Educator Preparation and Development

District Improvement Plan Goals supported by this objective:

- Objective 2.2 By June 1, 2017, all teachers and staff will attend professional development to help increase student achievement

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.1.1:	Develop and Implement a multi -level technology staff development program, based on SBEC standards and Technology Application TEKS, that promotes integration of technology into the curriculum Comments: There are no associated costs for this strategy. See Appendix B LEA LRPT Correlates: EP01, EP02, EP03, EP04, EP05	State: Original Status: In Progress	2017-2018	Superintendent Principal Technology Director	Program will be in place Semi-annual review
2.1.2:	Research and instruction in the use of new and innovative technologies will be included in the staff development plan Comments: There are no associated costs for this strategy. LEA LRPT Correlates: EP08, LAS10, TL05	State: Original Status: In Progress	2017-2018	Superintendent Principal Technology Director	Courses are in place Semi-annual review
2.1.3:	Explore incentives for the use of new and effective models of technology integration in the classroom Comments: There are no associated costs for this strategy. LEA LRPT Correlates: EP01, TL12	State: Original Status: In Progress	2017-2018	Superintendent Principal Technology Director	Presentation to the Board of Education Annual Review
2.1.4:	Campuses will complete the Texas STAR chart and a district needs assessment instrument to track technology integration trends and identify staff development priorities will be implemented. Comments: There are no associated costs for this strategy. LEA LRPT Correlates: EP03, LAS01	State: Original Status: In Progress	2017-2018	Superintendent Principal Technology Director	STAR Charts are completed Annual review
2.1.5:	Develop and implement a plan to ensure adequate training for any newly acquired software program or courseware adopted by NZISD Comments: There are no associated costs for this strategy. LEA LRPT Correlates: EP03, LAS07	State: Original Status: Planned	Quarterly 2017-2019	Technology Committee	Training is in place Annual review
2.1.6:	Provide staff development for campus principals with an emphasis on leadership in the use of instructional technology, integrating technology into the curriculum, and facilities planning for technology Comments: There is a \$545.00 cost for Principal development. This is not an ERATE item. LEA LRPT Correlates: EP01, EP03, LAS09	State: Original Status: In Progress	2017-2018	Superintendent Technology Director	Classes and program is in place Annual review
2.1.7:	Provide staff development on using computer labs to integrate critical thinking skills and technology Comments: There are no associated costs for this strategy. LEA LRPT Correlates: EP01, LAS07	State: Original Status: In Progress	2017-2018	Principal Technology Director	Staff Development Calendar Sign-in sheets

					Semi-annual review
2.1.8:	Provide staff development to expand the use of the Internet as a tool for student learning at higher levels of inquiry Comments: There are no associated costs for this strategy. LEA LRPT Correlates: EP01, TL13	State: Original Status: In Progress	2017-2018	Technology Director	Staff Development Calendar Sign-in sheets Semi-annual review
2.1.9:	The NZISD website will be expanded to include a more comprehensive campus level website and explore the possibility of an intra-net for online staff development and curriculum management. Comments: There are no associated costs for this strategy. LEA LRPT Correlates: I03, LAS08	State: Original Status: In Progress	Ongoing 2017-2018	Technology Director	Web sites will be in place Quarterly review
2.1.10:	Provide staff development sessions, by grade cluster, will be scheduled to provide training on the TA TEKS and the supporting NZISD aligned documents Comments: There is an \$11,000.00 cost for staff development. This is a budget item subject to approval. This is not an ERATE item. LEA LRPT Correlates: EP01	State: Original Status: In Progress	2017-2018	Technology Director	Sessions scheduled, sign-in sheets Semi-annual review
2.1.11:	Provide staff development for campus administrators will be provided to enable them to make effective technology decisions and purchases Comments: There are no associated costs for this strategy. LEA LRPT Correlates: EP03, LAS01, LAS02, LAS07, LAS09, LAS12	State: Original Status: In Progress	2017-2018	Superintendent Technology Director	Staff Development plan is in place Annual review
2.1.12:	Encourage all teachers to acquire Technology skills through participation in the Master Technology Teacher program. Comments: While participation in this program is not mandatory, it is the intent of the District to ensure that teachers are informed of the requirements set forth in the State Board for Educator Certification Technology Standards. See appendix B. LEA LRPT Correlates: EP07	State: Original Status: In Progress	Ongoing throughout the 2016-2019 school years.	Superintendent Principal Technology Director	Teachers enroll in the Master Tech Teacher program Acquired skills in technology Usage of innovative technology in classrooms

OBJECTIVE 2.2: Provide ongoing technology staff development in the use of technology to accomplish non-instructional tasks

Budget Amount \$0.00
LRPT category: Educator Preparation and Development

District Improvement Plan Goals supported by this objective:

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
2.2.1:	Provide staff development in the use of Microsoft Office utilizing BCIS Lab and software. Comments: There are no associated costs for this strategy. LEA LRPT Correlates: EP03	State: Original Status: In Progress	2017-2018	Technology Director	Staff Development Calendar Sign in sheets Semi-annual review
2.2.2:	Provide staff development in the use of databases to organize student information for teachers Comments: There is a \$1000.00 cost budgeted for this strategy subject to approval.	State: Original Status: In Progress	2017-2018	Technology Curriculum	Staff Development Calendar Sign in Sheets

	LEA LRPT Correlates: EP03, LAS05				Semi-annual review
2.2.3:	Provide staff development in the use of District designated teacher website resources Comments: There is a \$2186.00 cost budgeted for this strategy subject to approval. LEA LRPT Correlates: EP03	State: Original Status: In Progress	2017-2018	Technology Director	Staff Development Calendar Sign in Sheets Semi-annual review
2.2.4:	Provide staff development to support the use of the AEISit database for the disaggregation of student data that leads to instructional decision making Comments: There are no associated costs for this strategy. LEA LRPT Correlates: EP03, LAS05, TL04, TL07	State: Original Status: In Progress	2017-2018	Technology Director	Classes are in place Annual review
2.2.5:	Provide staff development to support the gradebook programs and their future enhancements and upgrades Comments: There is a \$1000.00 cost budgeted for this strategy subject to approval. LEA LRPT Correlates: EP03	State: Original Status: In Progress	2017-2018	Technology Director	Classes are in place Annual review
2.2.6:	Provide staff development in basic computer/peripheral use. Comments: There is a \$1000.00 cost budgeted for this strategy subject to approval. LEA LRPT Correlates: LAS07	State: Original Status: In Progress	2017-2018	Technology Director	Staff development Calendar Sign-in sheets Semi-annual review
2.2.7:	Develop and maintain campus web pages with links to teacher made web pages Comments: There is a \$1000.00 cost budgeted for this strategy subject to approval. LEA LRPT Correlates: I01	State: Original Status: In Progress	2017-2018	Principal Technology Director	Web pages are in place and updated semi-annual review
2.2.8:	Provide ongoing staff development in the use of distance learning equipment & methodology Comments: There is a \$1000.00 cost budgeted for this strategy subject to approval. LEA LRPT Correlates: EP03, LAS07	State: Original Status: In Progress	2017-2018	Technology Director	Training schedule and sign-in sheets, Semi-annual review
2.2.9:	Provide all teachers training in Web 2.0 tools and Project Based Learning. Comments: An annual cost of \$90.00 per teacher is incurred for training. LEA LRPT Correlates: I09, TL15	State: Original Status: Planned	2017-2018	WoW Team	Teachers are certified in Web 2.0 tools

GOAL 3: Leadership, Administration, and Support. Provide teachers, administrators, staff, and parents with management and instructional tools and skills made available by technology.

OBJECTIVE 3.1: Address technology needs in campus and district planning activities.

Budget Amount \$0.00
LRPT category: Leadership, Administration and Support

District Improvement Plan Goals supported by this objective:

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.1.1:	The technology committee will continue to provide technology guidance in Campus Improvement Plans. Comments: There is no associated cost for this strategy. LEA LRPT Correlates: LAS05	State: Original Status: In Progress	2017-2018	Superintendent Principal Technology Director	Committee is established Input is noted in annual Campus Improvement Plan Annual review
3.1.2:	The technology committee will assess current technology and prepare recommendations for acquisition and support of future technology needs. Comments: There is no associated cost for this strategy. LEA LRPT Correlates: LAS01, LAS02, LAS04, LAS10	State: Original Status: In Progress	2017-2018	Technology Director	Board presentation Semi-annual review
3.1.3:	The technology committee will assess innovative technology strategies for improved staff development as it pertains to technology utilization in the classroom. Comments: There is no associated cost for this strategy. LEA LRPT Correlates: LAS01, LAS02, LAS04, LAS06, LAS10	State: Original Status: In Progress	2017-2018	Technology Director	Meeting minutes Semi-annual review

OBJECTIVE 3.2: Provide instructional staff with management tools to streamline record keeping, assess student performance, and allow for data-driven decision making when possible.

Budget Amount \$8,500.00
LRPT category: Leadership, Administration and Support

District Improvement Plan Goals supported by this objective:

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.2.1:	Instructional staff will receive training to use software such as Eduphoria, AEISIT and Special Ed Manager. LEA LRPT Correlates: LAS08	State: Original Status: In Progress	2017-2018	Principal Technology Director	Improved student performance on benchmark assessments Effective use of software and on-line diagnostic tools
3.2.2:	All teachers Grades 1-12 will use an online grade book. Teachers PK-12 will record attendance online. Comments: There are no associated costs for this strategy. LEA LRPT Correlates: I08, LAS11	State: Original Status: In Progress	Ongoing 2017-2018	Principal Teachers Technology Director	Accurate grade reporting to parents

OBJECTIVE 3.3: Maintain and update software systems for student services and financial and other administrative services

District Improvement Plan Goals supported by this objective:

Budget Amount \$7,000.00

LRPT category: Leadership, Administration and Support

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
3.3.1:	Maintain support contracts with vendor Comments: The costs associated with this strategy are covered in Objective 3.3.2 LEA LRPT Correlates: LAS10, LAS14	State: Original Status: Planned	2017-2018	Technology Director	Completed contracts Yearly vendor evaluation
3.3.2:	Insure software is updated and current version. Comments: This is a \$11,000 dollar budget item subject to approval. This item is not an ERATE item. LEA LRPT Correlates: I01	State: Original Status: Planned	2017-2018	Technology Director	Successful maintenance of current software.
3.3.3:	Train staff to effectively use software. Comments: Costs associated with this strategy are covered in the costs for the software. See Objective 3.3.2 LEA LRPT Correlates: LAS10	State: Original Status: Planned	Training opportunities are provided throughout the school year 2017-2018	PEIMS Specialist Financials Technology Director	Successful use of software

GOAL 4: Infrastructure for Technology. North Zulch ISD will provide a robust network infrastructure that will enable students and staff to have access to the Internet and software and content to be used within the school district.

OBJECTIVE 4.1: Create and maintain a wide-area network capable of providing up-to-date data and video connections to all facilities.

District Improvement Plan Goals supported by this objective:

Budget Amount \$15,000.00
LRPT category: Infrastructure for Technology

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.1.1:	Maintain local-area network providing up -to-date data and video connections. Comments: There is no associated cost for this strategy LEA LRPT Correlates: I04, I05, I06, LAS02	State: Original Status: In Progress	2017-2018	Technology Coordinator	On-going evaluation Semi-annual review

OBJECTIVE 4.2: Provide high level of maintenance for the District's™ installed hardware and network

District Improvement Plan Goals supported by this objective:

Budget Amount \$0.00
LRPT category: Infrastructure for Technology

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.2.1:	Purchase extended warranties and maintenance contracts for needed equipment at purchase. Comments: There is no associated cost for this strategy. Warranties and maintenance are quoted when items are purchased. LEA LRPT Correlates: I01, I08	State: Original Status: Planned	2017-2018	Technology Director	Contracts in place Annual review
4.2.2:	Implement preventative maintenance procedures for all hardware. Comments: There is no associated cost for this strategy. LEA LRPT Correlates: I01	State: Original Status: In Progress	2017-2018	Technology Director	Plan is in place Annual review
4.2.3:	Find and implement a low cost technology work order system. Comments: There is a \$2000.00 dollar cost budgeted for approval. This is not an ERATE item. LEA LRPT Correlates: I01, I09	State: Original Status: In Progress	2017-2018	Technology Director	Surveys taken Semi-annual review
4.2.4:	Obsolete hardware will be disposed of based on the NZISD Hardware Standards points system. Comments: There is no associated cost for this strategy. See attached Appendix A. LEA LRPT Correlates: I07	State: Original Status: In Progress	2017-2018	Technology Director	Disposal records; inventory data

OBJECTIVE 4.3: Maintain and upgrade local-area networks for all locations providing up -to-date data and video connections.

District Improvement Plan Goals supported by this objective:

Budget Amount \$5,000.00
LRPT category: Infrastructure for Technology

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
------------	--	---------------	-----------	------------------------	-----------

4.3.1:	Conduct monthly assessment on the physical condition of cabling and perform maintenance as necessary. Comments: There is no associated cost for this strategy. LEA LRPT Correlates: I01	State: Original Status: In Progress	Monthly 2017-2018	Technology Director	Documentation is in place Semi-annual review
4.3.2:	Conduct annual needs assessment on core and edge equipment. Comments: There is no associated cost for this strategy. LEA LRPT Correlates: I01, LAS14	State: Original Status: In Progress	2017-2018	Technology Coordinator	Documentation is on file Annual review
4.3.3:	Conduct an annual technology inventory. Comments: There is a \$1000.00 dollar cost to hire an outside agency to conduct an annual inventory of our technology equipment. LEA LRPT Correlates: I01	State: Original Status: In Progress	2017-2018	Principal Technology Director	Inventory is conducted annually
4.3.4:	Determine technology replacement needs based on inventory data and Hardware Standards points system. Comments: There is no associated cost for this strategy. LEA LRPT Correlates: I08	State: Original Status: In Progress	2017-2018	Technology Director	Report to Board Annual Review

OBJECTIVE 4.4: Provide up -to-date telecommunication services for all district locations

District Improvement Plan Goals supported by this objective:

Budget Amount \$12,000.00
LRPT category: Infrastructure for Technology

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:	
4.4.1:	Continue contract with Windstream and ESC6 for data capability and access to regional and state resources. Comments: This is a \$8500.00 dollar budget item subject to approval. This is an ERATE item and a Form 471 has been submitted. LEA LRPT Correlates: I01	State: Original Status: In Progress	2017-2018	Technology Director	Equipment is in place Annual review

OBJECTIVE 4.5: Provide effective and efficient Internet services

District Improvement Plan Goals supported by this objective:

Budget Amount \$44,000.00
LRPT category: Infrastructure for Technology

Strategies	State/Status:	Timeline:	Person(s) Responsible:	Evidence:	
4.5.1:	Promote efficient use of internet connections through acceptable use policy, CIPA compliant internet filtering, network security Comments: There are no associated costs for this strategy. LEA LRPT Correlates: I05	State: Original Status: In Progress	2017-2018	Technology Director	Policies and equipment is in place Annual evaluation
4.5.2:	Continue to examine new technologies (internet filtering, network security, antivirus protection)	State: Original	2017-2018	Technology Director	Annual evaluation

	<p>Comments: This is a \$600.00 dollar budget item subject to approval for annual update of the district's content filter. This is not an ERATE item.</p> <p>LEA LRPT Correlates: I01</p>	<p>Status: In Progress</p>			
4.5.3:	<p>Continue contract for Internet Access</p> <p>Comments: This is a \$44,000.00 budget item subject to approval. This is an ERATE item and a Form 471 will be submitted.</p> <p>LEA LRPT Correlates: I01, I06</p>	<p>State: Original</p> <p>Status: Planned</p>	2017-2018	Technology Director	Contract signed, ERATE filed

OBJECTIVE 4.6: Maintain current back-ups for vital data-storing servers

Budget Amount \$0.00
LRPT category: Infrastructure for Technology

District Improvement Plan Goals supported by this objective:

Strategies		State/Status:	Timeline:	Person(s) Responsible:	Evidence:
4.6.1:	<p>Backup data on servers daily and run complete systems backups weekly.</p> <p>Comments: There are no associated costs for this strategy.</p> <p>LEA LRPT Correlates: I01</p>	<p>State: Original</p> <p>Status: In Progress</p>	Daily, Weekly, and Monthly throughout 2017-2018 school year	Technology Director	Logs of backups made 6 weeks review
4.6.2:	<p>A disaster recovery plan will be developed to assure no down time of the network.</p> <p>Comments: There are no associated costs for this strategy.</p> <p>LEA LRPT Correlates: I01</p>	<p>State: Original</p> <p>Status: In Progress</p>	Reviewed one month prior to Hurricane season (June 2017, June 2018)	Technology Director	Plan is in place
4.6.3:	<p>A "pending disaster" shutdown plan will be established</p> <p>Comments: There are no associated costs for this strategy.</p> <p>LEA LRPT Correlates: I01</p>	<p>State: Original</p> <p>Status: In Progress</p>	Reviewed one month prior to Hurricane season (June 2017, June 2018)	Technology	Plan will be in place Annual review

Budget

Budget year 2017		
Budget item	Cost	Funding Sources with amount per source
Staff Development	\$57,000.00	REAP 70% Local 30%
Telecommunications & Internet Access	\$61,000.00	E-Rate 80% LOCAL 20%
Materials & Supplies	\$6,000.00	STATE IMA 75% LOCAL 25%
Equipment	\$20,000.00	LOCAL 100%
Maintenance	\$5,000.00	LOCAL 100%
Miscellaneous Expenses	\$55,000.00	LOCAL 100%
Total	\$204,000.00	

Evaluation

Evaluation Process:

The Technology Committee will be responsible for evaluation of the plan. There will be site inspections and teacher observances on a quarterly basis to ensure that the plan has been initialized and is proceeding according to the plan. A report will be filed with the Superintendent's office to keep track of needs and completions as they occur.

Evaluation Method:

By observing the teachers in their classroom environment the committee will be able to evaluate the extent of the use of technology integrated into the daily routine of the classrooms as well as the increase in the ability of the teachers over a period of time to use that technology. Using comparison of test scores over time will indicate how well the increased technology in the classroom is benefiting the students. Acquisition of newer technologies and telecommunication services are already in place and will be further enhanced by future grant requests and other means.

Appendix

Attachment item A:

CIPA Compliance

- PDF file:  http://www.nzisd.org/UserFiles/Servers/Server_2926592/File/Tech/CIPA%20Compliance.pdf

Attachment item B:

3 Year Technology Assessment

- PDF file:  http://www.nzisd.org/UserFiles/Servers/Server_2926592/File/Tech/3YR%20Assessment.pdf

Attachment item C:

Technology Standards for Teachers

- PDF file:  http://www.nzisd.org/UserFiles/Servers/Server_2926592/File/Tech/Teacher%20Technology%20Standards.pdf

Attachment item D:

Hardware Standards

- PDF file:  http://www.nzisd.org/UserFiles/Servers/Server_2926592/File/Tech/Hardware%20Standards.pdf

NORTH ZULCH 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.