

**NORTH ZULCH ISD Technology Plan for E-rate Year 2018
2018 - 2019**

Alan Andrus
SUPERINTENDENT

DISTRICT PROFILE

ESC Region: 6
City, State Zip: North Zulch, TX 77872
Phone: (936) 241-7100
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Does 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: no

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

Technology Expenditures: \$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

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
Number of campuses that need to complete the Texas Campus STaR Chart: 1
Percentage of campuses that have completed the Texas Campus STaR Chart: 100.00 %

PLAN INTRODUCTION

Plan Last Edited: 01/18/2018

Technology Planning Committee:

CTO - Jack Dacus; Special Education -Katherine Lindstrom; 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 2018-2019 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. NZISD goals align 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 1Gb 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 2 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 for this objective: \$4,500.00
LRPT Category: Teaching and Learning

District Improvement Plan Correlates:

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

Strategy 1.1.1: The district will utilize interactive lesson plans from Promethian websites to enhance teacher lesson plans.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Teachers

Evidence: Lesson plans, surveys, quarterly review

Comments: There are no associated costs for this strategy.

LRPT Correlates: TL08

Strategy 1.1.2: Teachers will have students utilize technology for research, multimedia presentations and simulations utilizing Web 2.0 tools.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Principal Teachers

Evidence: Lesson plans, surveys, quarterly review

Comments: There are no associated costs for this strategy.

LRPT Correlates: TL05, TL08

Strategy 1.1.3: Utilize acquired Plato software for alternative lesson plan delivery.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Principal Teachers

Evidence: Grades, transcripts, usage logs Semi-annual review

Comments: This is a \$45,000.00 dollar, 3-year contracted budget item subject to approval. This is not an ERATE item.

LRPT Correlates: LAS15, TL03

Strategy 1.1.4: Utilize Renaissance Learning's web-based Accelerated Reading program and STAR Math to enhance ELA/Math instruction in grades 1-12.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Teachers Librarian

Evidence: Grades, transcripts, usage logs, Semi-annual review and improvement in Reading Assessments/TAKS scores

Comments: This is a \$2235.00 dollar budget item. This is not an ERATE item.

LRPT Correlates: LAS15, TL04, TL10

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

Budget for this objective: \$0.00

LRPT Category: Teaching and Learning

District Improvement Plan Correlates: **Strategy 1.2.1:** Determine equipment and software needs required by the TA TEKS for all campuses.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director Teachers

Evidence: Meetings scheduled Data presented to Board of Education Annual review

Comments: There are no associated costs for this strategy.

LRPT Correlates: I01, LAS02, TL01

Strategy 1.2.2: Provide curriculum that ensures students understand the use, dangers and consequences of providing personal information and data online.

State: Original

Status: Planned

Timeline: 2018-2019

Person(s) Responsible: Principal Counselor Teachers

Evidence: Course completion

Comments: No funds are required for this strategy

LRPT Correlates: TL14

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

Budget for this objective: \$40,000.00

LRPT Category: Teaching and Learning

District Improvement Plan Correlates:

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

Strategy 1.3.1: Maintain automated library services to give students access to the card catalog and other resources from the classroom

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director Librarian

Evidence: Equipment is in place Check-out records Annual review

LRPT Correlates: TL09, TL11, TL14

Strategy 1.3.2: Provide an NZISD web site with links to approved information resources for both students and teachers.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Web site is in place, Annual review

Comments: This is a \$1250.00 budget item.

LRPT Correlates: TL16

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

Budget for this objective: \$0.00

LRPT Category: Teaching and Learning

District Improvement Plan Correlates:

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

Strategy 1.4.1: Provide information and web-based links to adult computer literacy classes.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Website provides links to information concerning adult computer literacy classes.

Comments: There are no associated costs for this strategy.

LRPT Correlates: TL15

Strategy 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.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director Principal

Evidence: Web pages are present and updated Semester review

Comments: There are no associated costs for this strategy. Website costs have been covered under Strategy 1.3.2

LRPT Correlates: I03, I08, LAS09, LAS11, TL15, TL16

Strategy 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.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Superintendent Principal Technology Director Teachers

Evidence: Successful use of information by community Access to information determined by website statistics

LRPT Correlates: I03, I08, LAS09

Strategy 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.

State: Original

Status: Completed

Timeline: Completed

Person(s) Responsible: Parent Center Coordinator

Evidence: Increased use of facilities for continued education

Comments: Funds are made available through Federal and State Grants

LRPT Correlates: LAS09, LAS13, TL15

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

Budget for this objective: \$10,000.00

LRPT Category: Teaching and Learning

District Improvement Plan Correlates: **Strategy 1.5.1:** Ensure accessibility by all students to available technology and provide access to adaptive/assistive devices where needed.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Principal Director of Special Education

Evidence: Survey results, Semi-annual review

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.

LRPT Correlates: I05, TL09

Strategy 1.5.2: Implement a plan to meet technology needs of specific student populations

State: Original

Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Principal Director of Special Education Technology Director
Evidence: Completed plan, Semi-annual review
Comments: There are no associated costs for this strategy.
LRPT Correlates: LAS05, TL07

Objective 1.6: Use distance learning to provide educational services, enhance curriculum offerings and provide information to students, parents and other community members
Budget for this objective: \$8,000.00
LRPT Category: Teaching and Learning

District Improvement Plan Correlates: **Strategy 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.

State: Original
Status: Planned
Timeline: 2018-2019
Person(s) Responsible: Principal Technology Director
Evidence: Equipment will be in place Documentation of all video-conference sessions Quarterly review
Comments: This is a \$10,000.00 dollar budget item. This is an ERATE item and a Form 471 has been submitted.
LRPT Correlates: LAS10, LAS15, TL08, TL09, TL12, TL13

Strategy 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.

State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Technology Director Teachers
Evidence: List of possible distance learning partners, Quarterly review
Comments: There are no associated costs for this strategy.
LRPT Correlates: TL12, TL13

Strategy 1.6.3: Provide information and access to students for dual credit courses taught via distance learning

State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Principal Counselor
Evidence: Meeting notes, Semi-annual review
Comments: There are no associated costs for this strategy. Costs for Distance Learning are incurred through enrollment.
LRPT Correlates: TL08, TL09, TL13

Strategy 1.6.4: Provide information and access to students and parents about web-based distance learning credit courses

State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Principal Counselor
Evidence: Meeting logs Annual review
Comments: There are no associated costs for this strategy. Costs for Distance Learning are incurred through enrollment.
LRPT Correlates: LAS04, LAS10, TL10

Strategy 1.6.5: Seek and evaluate web delivered distance learning programs for curriculum and administrative needs.

State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Principal Technology Director Teachers
Evidence: Semi-annual review
Comments: There are no associated costs for this strategy. Costs for Distance Learning are incurred through

enrollment.

LRPT Correlates: LAS10, TL12

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 for this objective: \$50,000.00

LRPT Category: Educator Preparation and Development

District Improvement Plan Correlates:

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

Strategy 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

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Superintendent Principal Technology Director

Evidence: Program will be in place Semi-annual review

Comments: There are no associated costs for this strategy. See Appendix B

LRPT Correlates: EP01, EP02, EP03, EP04, EP05

Strategy 2.1.2: Research and instruction in the use of new and innovative technologies will be included in the staff development plan

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Superintendent Principal Technology Director

Evidence: Courses are in place Semi-annual review

Comments: There are no associated costs for this strategy.

LRPT Correlates: EP08, LAS10, TL05

Strategy 2.1.3: Explore incentives for the use of new and effective models of technology integration in the classroom

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Superintendent Principal Technology Director

Evidence: Presentation to the Board of Education Annual Review

Comments: There are no associated costs for this strategy.

LRPT Correlates: EP01, TL12

Strategy 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.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Superintendent Principal Technology Director

Evidence: STAR Charts are completed Annual review

Comments: There are no associated costs for this strategy.

LRPT Correlates: EP03, LAS01

Strategy 2.1.5: Develop and implement a plan to ensure adequate training for any newly acquired software program or courseware adopted by NZISD

State: Original

Status: Planned

Timeline: Quarterly 2017-2019

Person(s) Responsible: Technology Committee
Evidence: Training is in place Annual review
Comments: There are no associated costs for this strategy.
LRPT Correlates: EP03, LAS07

Strategy 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

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Superintendent Technology Director

Evidence: Classes and program is in place Annual review

Comments: There is a \$545.00 cost for Principal development. This is not an ERATE item.

LRPT Correlates: EP01, EP03, LAS09

Strategy 2.1.7: Provide staff development on using computer labs to integrate critical thinking skills and technology

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Principal Technology Director

Evidence: Staff Development Calendar Sign-in sheets Semi-annual review

Comments: There are no associated costs for this strategy.

LRPT Correlates: EP01, LAS07

Strategy 2.1.8: Provide staff development to expand the use of the Internet as a tool for student learning at higher levels of inquiry

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Staff Development Calendar Sign-in sheets Semi-annual review

Comments: There are no associated costs for this strategy.

LRPT Correlates: EP01, TL13

Strategy 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.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Web sites will be in place Quarterly review

Comments: There are no associated costs for this strategy.

LRPT Correlates: I03, LAS08

Strategy 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

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Sessions scheduled, sign-in sheets Semi-annual review

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.

LRPT Correlates: EP01

Strategy 2.1.11: Provide staff development for campus administrators will be provided to enable them to make effective technology decisions and purchases

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Superintendent Technology Director

Evidence: Staff Development plan is in place Annual review

Comments: There are no associated costs for this strategy.
LRPT Correlates: EP03, LAS01, LAS02, LAS07, LAS09, LAS12

Strategy 2.1.12: Encourage all teachers to acquire Technology skills through participation in the Master Technology Teacher program.

State: Original

Status: In Progress

Timeline: Ongoing throughout the 2016-2019 school years.

Person(s) Responsible: Superintendent Principal Technology Director

Evidence: Teachers enroll in the Master Tech Teacher program Acquired skills in technology Usage of innovative technology in classrooms

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.

LRPT Correlates: EP07

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

Budget for this objective: \$0.00

LRPT Category: Educator Preparation and Development

District Improvement Plan Correlates: **Strategy 2.2.1:** Provide staff development in the use of Microsoft Office utilizing BCIS Lab and software.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Staff Development Calendar Sign in sheets Semi-annual review

Comments: There are no associated costs for this strategy.

LRPT Correlates: EP03

Strategy 2.2.2: Provide staff development in the use of databases to organize student information for teachers

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Curriculum

Evidence: Staff Development Calendar Sign in Sheets Semi-annual review

Comments: There is a \$1000.00 cost budgeted for this strategy subject to approval.

LRPT Correlates: EP03, LAS05

Strategy 2.2.3: Provide staff development in the use of District designated teacher website resources

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Staff Development Calendar Sign in Sheets Semi-annual review

Comments: There is a \$2186.00 cost budgeted for this strategy subject to approval.

LRPT Correlates: EP03

Strategy 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

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Classes are in place Annual review

Comments: There are no associated costs for this strategy.

LRPT Correlates: EP03, LAS05, TL04, TL07

Strategy 2.2.5: Provide staff development to support the gradebook programs and their future enhancements and

upgrades

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Classes are in place Annual review

Comments: There is a \$1000.00 cost budgeted for this strategy subject to approval.

LRPT Correlates: EP03

Strategy 2.2.6: Provide staff development in basic computer/peripheral use.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Staff development Calendar Sign-in sheets Semi-annual review

Comments: There is a \$1000.00 cost budgeted for this strategy subject to approval.

LRPT Correlates: LAS07

Strategy 2.2.7: Develop and maintain campus web pages with links to teacher made web pages

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Principal Technology Director

Evidence: Web pages are in place and updated semi-annual review

Comments: There is a \$1000.00 cost budgeted for this strategy subject to approval.

LRPT Correlates: I01

Strategy 2.2.8: Provide ongoing staff development in the use of distance learning equipment & methodology

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Training schedule and sign-in sheets, Semi-annual review

Comments: There is a \$1000.00 cost budgeted for this strategy subject to approval.

LRPT Correlates: EP03, LAS07

Strategy 2.2.9: Provide all teachers training in Web 2.0 tools and Project Based Learning.

State: Original

Status: Planned

Timeline: 2018-2019

Person(s) Responsible: WoW Team

Evidence: Teachers are certified in Web 2.0 tools

Comments: An annual cost of \$90.00 per teacher is incurred for training.

LRPT Correlates: I09, TL15

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 for this objective: \$0.00

LRPT Category: Leadership, Administration and Support

District Improvement Plan Correlates: **Strategy 3.1.1:** The technology committee will continue to provide technology guidance in Campus Improvement Plans.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Superintendent Principal Technology Director

Evidence: Committee is established Input is noted in annual Campus Improvement Plan Annual review

Comments: There is no associated cost for this strategy.

LRPT Correlates: LAS05

Strategy 3.1.2: The technology committee will assess current technology and prepare recommendations for acquisition and support of future technology needs.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Board presentation Semi-annual review

Comments: There is no associated cost for this strategy.

LRPT Correlates: LAS01, LAS02, LAS04, LAS10

Strategy 3.1.3: The technology committee will assess innovative technology strategies for improved staff development as it pertains to technology utilization in the classroom.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Meeting minutes Semi-annual review

Comments: There is no associated cost for this strategy.

LRPT Correlates: LAS01, LAS02, LAS04, LAS06, LAS10

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 for this objective: \$8,500.00

LRPT Category: Leadership, Administration and Support

District Improvement Plan Correlates: **Strategy 3.2.1:** Instructional staff will receive training to use software such as Eduphoria, AEISIT and Special Ed Manager.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Principal Technology Director

Evidence: Improved student performance on benchmark assessments Effective use of software and on-line diagnostic tools

LRPT Correlates: LAS08

Strategy 3.2.2: All teachers Grades 1-12 will use an online grade book. Teachers PK-12 will record attendance online.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Principal Teachers Technology Director

Evidence: Accurate grade reporting to parents

Comments: There are no associated costs for this strategy.

LRPT Correlates: I08, LAS11

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

Budget for this objective: \$7,000.00

LRPT Category: Leadership, Administration and Support

District Improvement Plan Correlates: **Strategy 3.3.1:** Maintain support contracts with vendor

State: Original

Status: Planned

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Completed contracts Yearly vendor evaluation

Comments: The costs associated with this strategy are covered in Objective 3.3.2

LRPT Correlates: LAS10, LAS14

Strategy 3.3.2: Insure software is updated and current version.

State: Original
Status: Planned
Timeline: 2018-2019
Person(s) Responsible: Technology Director
Evidence: Successful maintenance of current software.
Comments: This is a \$11,000 dollar budget item subject to approval. This item is not an ERATE item.
LRPT Correlates: I01

Strategy 3.3.3: Train staff to effectively use software.

State: Original
Status: Planned
Timeline: Training opportunities are provided throughout the school year 2018-2019
Person(s) Responsible: PEIMS Specialist Financials Technology Director
Evidence: Successful use of software
Comments: Costs associated with this strategy are covered in the costs for the software. See Objective 3.3.2
LRPT Correlates: LAS10

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.

Budget for this objective: \$15,000.00
LRPT Category: Infrastructure for Technology

District Improvement Plan Correlates: **Strategy 4.1.1:** Maintain local-area network providing up-to-date data and video connections.

State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Technology Coordinator
Evidence: On-going evaluation Semi-annual review
Comments: There is no associated cost for this strategy
LRPT Correlates: I04, I05, I06, LAS02

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

Budget for this objective: \$0.00
LRPT Category: Infrastructure for Technology

District Improvement Plan Correlates: **Strategy 4.2.1:** Purchase extended warranties and maintenance contracts for needed equipment at purchase.

State: Original
Status: Planned
Timeline: 2018-2019
Person(s) Responsible: Technology Director
Evidence: Contracts in place Annual review
Comments: There is no associated cost for this strategy. Warranties and maintenance are quoted when items are purchased.
LRPT Correlates: I01, I08

Strategy 4.2.2: Implement preventative maintenance procedures for all hardware.

State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Technology Director
Evidence: Plan is in place Annual review
Comments: There is no associated cost for this strategy.
LRPT Correlates: I01

Strategy 4.2.3: Find and implement a low cost technology work order system.

State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Technology Director
Evidence: Surveys taken Semi-annual review
Comments: There is a \$2000.00 dollar cost budgeted for approval. This is not an ERATE item.
LRPT Correlates: I01, I09

Strategy 4.2.4: Obsolete hardware will be disposed of based on the NZISD Hardware Standards points system.
State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Technology Director
Evidence: Disposal records; inventory data
Comments: There is no associated cost for this strategy. See attached Appendix A.
LRPT Correlates: I07

Objective 4.3: Maintain and upgrade local-area networks for all locations providing up -to-date data and video connections.
Budget for this objective: \$5,000.00
LRPT Category: Infrastructure for Technology

District Improvement Plan Correlates: **Strategy 4.3.1:** Conduct monthly assessment on the physical condition of cabling and perform maintenance as necessary.

State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Technology Director
Evidence: Documentation is in place Semi-annual review
Comments: There is no associated cost for this strategy.
LRPT Correlates: I01

Strategy 4.3.2: Conduct annual needs assessment on core and edge equipment.
State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Technology Coordinator
Evidence: Documentation is on file Annual review
Comments: There is no associated cost for this strategy.
LRPT Correlates: I01, LAS14

Strategy 4.3.3: Conduct an annual technology inventory.
State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Principal Technology Director
Evidence: Inventory is conducted annually
Comments: There is a \$1000.00 dollar cost to hire an outside agency to conduct an annual inventory of our technology equipment.
LRPT Correlates: I01

Strategy 4.3.4: Determine technology replacement needs based on inventory data and Hardware Standards points system.

State: Original
Status: In Progress
Timeline: 2018-2019
Person(s) Responsible: Technology Director
Evidence: Report to Board Annual Review
Comments: There is no associated cost for this strategy.
LRPT Correlates: I08

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

Budget for this objective: \$12,000.00
LRPT Category: Infrastructure for Technology

District Improvement Plan Correlates: **Strategy 4.4.1:** Continue contract with Windstream and ESC6 for data capability and access to regional and state resources.

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Equipment is in place Annual review

Comments: This is a \$8500.00 dollar budget item subject to approval. This is an ERATE item and a Form 471 has been submitted.

LRPT Correlates: I01

Objective 4.5: Provide effective and efficient Internet services

Budget for this objective: \$44,000.00

LRPT Category: Infrastructure for Technology

District Improvement Plan Correlates: **Strategy 4.5.1:** Promote efficient use of internet connections through acceptable use policy, CIPA compliant internet filtering, network security

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Policies and equipment is in place Annual evaluation

Comments: There are no associated costs for this strategy.

LRPT Correlates: I05

Strategy 4.5.2: Continue to examine new technologies (internet filtering, network security, antivirus protection)

State: Original

Status: In Progress

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Annual evaluation

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.

LRPT Correlates: I01

Strategy 4.5.3: Continue contract for Internet Access

State: Original

Status: Planned

Timeline: 2018-2019

Person(s) Responsible: Technology Director

Evidence: Contract signed, ERATE filed

Comments: This is a \$44,000.00 budget item subject to approval. This is an ERATE item and a Form 471 will be submitted.

LRPT Correlates: I01, I06

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

Budget for this objective: \$0.00

LRPT Category: Infrastructure for Technology

District Improvement Plan Correlates: **Strategy 4.6.1:** Backup data on servers daily and run complete systems backups weekly.

State: Original

Status: In Progress

Timeline: Daily, Weekly, and Monthly throughout 2018-2019 school year

Person(s) Responsible: Technology Director

Evidence: Logs of backups made 6 weeks review

Comments: There are no associated costs for this strategy.

LRPT Correlates: I01

Strategy 4.6.2: A disaster recovery plan will be developed to assure no down time of the network.

State: Original

Status: In Progress

Timeline: Reviewed one month prior to Hurricane season (June 2018, June 2019)

Person(s) Responsible: Technology Director

Evidence: Plan is in place

Comments: There are no associated costs for this strategy.

LRPT Correlates: I01

Strategy 4.6.3: A "pending disaster" shutdown plan will be established

State: Original

Status: In Progress

Timeline: Reviewed one month prior to Hurricane season (June 2018, June 2019)

Person(s) Responsible: Technology

Evidence: Plan will be in place Annual review

Comments: There are no associated costs for this strategy.

LRPT Correlates: I01

BUDGET

Total amount of Title II, Part D formula funds received for the current year of this plan: \$0.00

Method of application for formula funds:

Budget for year 2018

- Telecom cost: \$61,000.00

- Telecom source: E-Rate 80%

LOCAL 20%

- Materials cost: \$6,000.00

- Materials source: STATE IMA 75%

LOCAL 25%

- Equipment cost: \$20,000.00

- Equipment source: LOCAL 100%

- Maintenance cost: \$5,000.00

- Maintenance source: LOCAL 100%

- Staff development cost: \$57,000.00

- Staff development source: REAP 70%

Local 30%

- Miscellaneous cost: \$55,000.00

- Miscellaneous source: 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