MINEOLA ISD Technology Plan
for
E-Rate Year 17 and 18

2014 - 2016

JOHN FULLER
SUPERINTENDENT

DISTRICT PROFILE

Mineola Independent School District
ESC Region: 7
MINEOLA, TX 75773-1617
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Number of Campuses: **4**
Total Student Enrollment: **1,606**
District Size: **1,600 - 2,999**
Percent Economically Disadvantaged: **63.00%**

Technology Expenditures: **$918,524.00**
- Teaching and Learning Budget: **$234,774.00**
- Educator Preparation and Development Budget: **$22,500.00**
- Leadership, Administration and Support Budget: **$319,272.00**
- Infrastructure for Technology Budget: **$341,978.00**

Technology Expenditure Per Pupil: **$571.93**
Number of Campuses with High-Speed Broadband Internet Access: **4**
Percentage of Campuses with High-Speed Broadband Internet Access: **100%**
Number of Classrooms with High-Speed Broadband Internet Access: **129**
Percentage of Classrooms with High-Speed Broadband Internet Access: **100%**
Computer/Student Ratio: **2 students for every computer**
Computer/Teacher Ratio: **1 teacher for every computer**
Number of campuses that need to complete the Texas Campus STaR Chart: **4**
Percentage of campuses that have completed the Texas Campus STaR Chart: **100%**

Technology Planning Committee:

John Fuller-Superintendent   Venita Watts-Curriculum Director   Todd Karch-Technology
Director   William Bjork-Business Manager   Dennis Pappa-Desktop Support   Joseph
Armstrong-HS Tech Coordinator   David Sauer-HS Principal   Mike Sorenson-MS Principal
Jeni Massey-ES Principal   Rod Allen-PS Principal   Beth Bell-HS Teacher   Kim Armstrong-HS
Teacher   Jemelyn Palentinos-HS Teacher   Kara Ledkins- MS Teacher   Cindy Thatcher-MS
Teacher   Rae Ann Pruitt-MS Teacher   Shelia Sales-ES Teacher   Teresa Mallory-ES Teacher
Christiann Bjork-ES Teacher   Stacy Wyman-PS Teacher   Sylvia Harris-PS Teacher   Wendi
Gowan-PS Teacher   Warren Brown-Community Representative   Lou Steele-Community
Representative   Jayna Williams-Business Representative   Ryan James-Business
Representative   Brad Armendariz-Parent   Joe Admas-Parent   Dawn Kimbley-Parent

EXECUTIVE SUMMARY

Teaching and learning have always been associated with the development of knowledge or skills in order to put someone in a better position. In fact, the word "educate" is etymologically equivalent to the Latin word for "to lead out." And it makes sense that before you can start the process of leading people out; you have to know where you're leading them. While this does seem like a fairly self-evident concept, we educators occasionally have to remind ourselves of what it means in the real world. It means that you don't start talking about cirrus and cumulous clouds until you establish what you really want is for your students to be able to make a good guess as to whether their camping trip will be canceled because of rain. It also means that you don't put 30 computers in every classroom until you decide what you want the students to be able to accomplish and how these computers will help them do what they need to do.

When we were developing the Educational Technology Plan for Mineola ISD, the latter of these two examples proved to be indicative of an overarching motif: be outcome-based, not input-based; focus on the applications of technology (i.e., what students and staff should be able to do with technology) before worrying about the amount and types of technology needed. These are not only philosophical guidelines, but practical directives. Given the tremendous financial commitment that must be made to technology, it is imperative that, if we do have a classroom with 30 computers, we take the time to ensure that it is a result of systematic research and

planning, not of whimsy and trend-following. This will meet our needs not only now but for many years to come. With these thoughts in mind, the following five themes encapsulate the vision we have for Mineola's schools and community:

Adaptive Learning Environment - We envision the future of education to be a school-without-walls in which students of all abilities and in all grade levels are empowered to control their own learning. The truth of the old adage that good teachers don't just use textbooks will be all the more striking. Learning environments will be restructured to provide alternative, student-centered learning systems. Classrooms will no longer consist of tidy rows of desks and whiteboard assignments. Teachers will no longer be simple information providers, students no longer passive recipients, classrooms no longer quiet places of one-direction instruction. Teaching statements must change to learning questions. Rote memorization must become hands-on experiences. Multiple-choice tests must become real-life simulations. If we are to captivate the interest of today's students so that they are compelled to want to learn, we must help them develop creative thinking and analytical skills; we must engage their imagination and challenge their intellect; we must show them new ways of solving both old and new problems.

Awareness of Outside World - The school-without-walls concept is also crucial in another way. Many of our students lead sheltered lives, rarely leaving the community. If we cannot take our students to see the world outside of Mineola, we can bring the world to them. A Mineola student in the 21st Century will be able to participate in a live experiment being conducted in Los Angeles, maintain an electronic dialogue with students in Europe, share information, ideas, and dreams with friends around the world. A 21st Century student in Mineola will be able to research current events and trends instantly, publish written works, not in journals and notebooks, but on the Internet, sending them swiftly across continents. 21st Century Mineola students –of all age groups, grade levels, learning abilities, and genders—must have access to the best available technological tools. In short, a world of information and experiences will be at their fingertips.

Workforce Development - Part of our commitment as educators is to prepare children and youth for the workforce. And for our students to compete in the 21st Century job market, simply having information will not be enough. From the auto mechanic to the doctor, from the assembly line worker to the teacher, technological skills will be fundamental in obtaining, keeping, and keeping up with a 21st Century job. Therefore, the classroom of the 21st Century must reflect these new skills. Today's students must learn the skills needed to become productive, creative

workers in tomorrow's global workforce. Mineola students need to be empowered through education to accept, in their normal course of educational events, technological interventions that support and enhance their personal productivity now and for years to come. Therefore, our students must acquire and understand the advantages and limitations of integrating that knowledge in their school experiences. **Communication Facilitation** Too often a two minute conversation between two faculty members that could save hours of modification efforts in a classroom never occur simply because time and geography get in the way. We don't want to lose any opportunities for communication. Therefore, instant communication between student and teacher, teacher and parent, parent and administrator will be required. Information access will be an instant and continuous process. Management tools will be altered to fit new methods of accessing information. Not only will this save time with administrative paperwork, but it will also encourage and nurture the sharing of information. **Partnerships and Outreach Initiatives** We are not here to serve just our enrolled students; we are here to serve the entire Mineola community in any way we can. But we cannot do it alone. Education has become a partnership between administrators, teachers, students, parents, businesses, and community members. It is impossible to be successful without the support and commitment of all of these stakeholders. The fundamental catalyst for our success will be the community's unification of purpose and willingness to invest in its future. The byproduct of that investment will be greater communication and sharing of information and ideas—the very ingredients necessary to create vitality, dynamics, and growth. The future makes it incumbent upon us to initiate the efforts to unify the community by assuring their investment is necessary and will not be in vain. The necessity to understand the traditional "3 R's" of education has not changed. It is the vehicle by which we will provide that knowledge. We must recognize, utilize, and maximize all knowledge bases to ensure that our students are given every advantage while a student in the Mineola Independent School District system.

NEEDS ASSESSMENT

Assessment Process: Mineola ISD used surveys, STAR Chart Data, and student test scores to access the districts technology needs. The results are divided into 3 areas: STAR Chart results, student specific needs, and needs of the staff.

School Technology and Readiness (STAR Chart)

Using the instrument provided by TEA, Mineola ISD ranks midway between Developing Tech and Advanced Tech District. Many schools in the Region equal Mineola in the levels of teaching and learning, educator preparation and development, administration and support, and infrastructure for technology. **Key Area I:** Teaching and Learning finds MISD as Developing Tech. Most staff members utilize teacher-centered lectures and individual student projects in the classroom. Staff members need to ensure students have ample opportunity to learn and practice the grade specific Technology TEKS. **Key Area II:** Educator Preparation and Development finds Mineola ISD as Developing Tech. Our focus needs to shift to staff development. Using the Technology Application Standards for all teachers, relevant training and opportunity to use knowledge gained from training needs to be integrated into the day to day operation of our classrooms. The budget must reflect a larger percentage of funds to support staff development. **Key Area III:** Administration and Support Services shows Mineola ISD to be Advanced Tech. Mineola is advanced across this area. Our campus leadership must strive to build a collaborative, technology rich campus. Administrators and teachers must have a shared vision and promote policies of continuous innovation. Everyone must promote online learning and provide budgets necessary to fund innovation. **Key Area IV:** Infrastructure for Technology shows the best score for Mineola ISD, Advanced Tech across the board. Areas of need are providing peripheral equipment to support the use of technology in instruction and adding distance learning availability at the desktop. Additionally, more devices need to be purchased for student use in the classrooms to foster more technology integration in the curriculum and to reach the 1:1 ratio of students to computers beyond our High School. Mineola ISD will focus on funds for quality staff development addressing the Technology Application Standards for Teachers and supporting the technical needs of the network and attached devices.

Students

Mineola Elementary, Middle and High Schools have Met Standard.

Moreover, specific student data from the 2012-13 TAPR district report reveals the following:

% taking either the SAT or ACT Class of 2012: 70.2% (state avg. 66.9%)

% scoring at or above criteria for each of these: 15.2% (state avg. 24.9%)

attendance rate in 2011-12: 96.7% (state avg. 95.9%)

dropout rate: 0.0% in 2011-12 (state avg. 0.3%)

Granted, some of these and other indicators reveal the level of student performance and success in Mineola to be greater than that of the state averages. But it is significant that the indicators in which we do fall behind apply to the secondary levels. As evidenced by STAAR scores it is our high school students who are furthest behind in meeting the State's challenging content and performance standards. Corroborated by results from a recent teacher survey, we believe that there is a sense in which our students develop a complacency and lack of interest in school and learning in general.

A substantial contributing factor to this may be that their experiences in Mineola have led them to believe that education has little relevance or application in life after formal schooling. We believe with the most noble of intents, a school district with limited resources cannot affect reform broad enough to remove the geographic and social barriers that cause these feelings of indifference, apathy, and disenfranchisement—unless, that is, information technology is a substantial part of that reform. On-line resources possible today represent far more cost-effective and plausible ways of showing our students the world outside of Mineola than books or field trips could ever offer.

Moreover, the employment of advanced technologies also familiarizes and makes students more comfortable with the types of equipment that develop inefficiencies necessary to compete in the job market. We estimate that roughly 59.4% of our recent graduates enter a college/university, vocational school, or the military. Whether a graduate chooses one of these or opts to immediately enter the workforce, he/she will find himself/herself in increasingly few

situations that do not require technology-based experience. We, as educators, must provide these experiences.

Staff

A survey indicates that less than 10% of our teachers met state technology competencies and 18% don't have internet access at home. This unfamiliarity will be one of the largest hurdles we must leap in order to provide our students with the technological opportunities they deserve; teachers are, after all, the ones who guide the students' learning in school. And if we simply put computers in labs and classrooms without giving teachers the tools and knowledge to use them effectively, the equipment will be little more than dust collectors. The first step in this process will have to be demonstrating what information technology can do for them—how administrative applications can facilitate record keeping and communications, as well as how the Internet and other on-line resources can be used creatively in the classroom for instructional purposes.

Staff members were asked to rank importance of types of staff development for the following year. The following indicates the results of that survey:

Technology Integration:

Technology Tips and Tricks 48%

iPods/iPads Usage 28%

Google Spreadsheets 27%

Whiteboards and Projectors 25%

Microsoft Excel Activities 20%

Computer Activities 20%

Microsoft Office Essential Skills 16%

Technology Skills:

Google Tools: 38%

Webpage Construction/Update/Integration 36%

iMovie 33%

Office for Mac 26%

Mac Basics 19%

iPhoto 19%

Garage Band 14%

Obviously, training will be paramount. But on-time sessions without follow-up will not be enough. In order to offer sustained support and maintain teacher interest, we will need someone on staff at each campus with the expertise and experience required to take the lead in this process of professional development and technical support.

Existing Conditions:

Mineola ISD is composed of three facilities: the administrative office plus two separate campus facilities. One of these campus facilities houses the Primary and Middle Schools; the other houses the Elementary and High Schools. All school campuses physically sit on 1 piece of property and the greatest distance between any two facilities is 4/10 of a mile.

All campuses and surrounding buildings are connected with a fiber backbone running at 1 Gigabit. All classrooms are connected via copper cabling switched at 1000 Megabits. Mineola is a charter member of the Supernet II Consortium. Supernet II provides all campuses with connectivity to the internet and distance learning. Mineola ISD utilizes a centralized telephone network allowing staff members access to communication with parents. Each campus has 2 outside phone lines dedicated and a fax machine.

Each campus has a different amount of technological tools, and each uses these tools differently. But in order to realize our district's vision, every student and faculty member must have immediate access to on-line resources. And to accomplish this, each computer workstation must be network-able, Internet-ready and have a current version of OS. Each teacher needs access to a state of the art workstation and mobile device that can be displayed for student viewing in the everyday classroom. Students also need to ability to display their devices as well. The following is a summary of the inventory for each campus highlighting their current equipment.

Campus-Primary School

Computers 194
Laptops 94
Wireless APs 14
Printers 39
Digital Cameras 12
Data Projectors 36
Visual Presenters 31
Video Conference Equipment 1

Campus Elementary School

Computers 149

Laptops 104

Wireless APs 17

Printers 39

Digital Cameras 19

Data Projectors 35

Visual Presenters 26

Campus Middle School

Computers 182

Laptops 194

Wireless APs 17

Printers 48

Digital Cameras 8

Data Projectors 39

Visual Presenters 29

Campus High School

Computers 239

Laptops 249

Wireless APs 43

Network Printers 14

Digital Cameras 23

Data Projectors 45

Visual Presenters 38

Video Conference Equipment 1

<u>**Campus Administration**</u>

Computers 24
Laptops 18
Wireless APs 2
Network Printers 7
Digital Cameras 1
Data Projectors 4
Visual Presenters 1
Video Conference Equipment 1

Technology Needs:

The Needs Assessment process has given us a great deal of insight for future planning. Our results from the STAR chart data indicate we have a robust infrastructure and a lot of computers. We will continue to purchase new computers to replace outdated and irreparable machines. The information gathered on our students indicates an average level of achievement and leaves room for growth. We want to continue to find ways to improve student performance while continuing to provide experiences that will benefit graduates after Mineola ISD. Academic requirements today force students and schools to find innovative ways to attain graduation credits and maintain extracurricular activities. One need for our students is 24/7 learning, outside the traditional school day. This would allow students opportunities to participate in activities while still meeting their graduation requirements. Updated video conference equipment will also open doors for our students who might not be able to travel to post secondary schools while in High School. Training is the focus for the staff. Sustained, quality staff development is always a need. Technology changes rapidly and our staff skill level must as well.

GOALS, OBJECTIVES, AND STRATEGIES

Goal 1: Promote a continued increase in student success.

Objective 1.1: Infuse education technology into the curriculum such that the enriched learning experience it provides produces technologically astute students in grades Pre-K through 12.
Budget for this objective: $104,000.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER01
NCLB Correlates: 01 02 03 04a 08 12

Strategy 1.1.1: Primary School and Elementary School will utilize peer tutoring and cooperative learning to infuse educational technology into the curriculum and address the Technology TEKS through cross -age grouping. i.e. High school students teach Primary and Elementary students to master presentation and word processing software. Some projects will be in the form of podcast which can be then made available to the public.
State: Original
Status: In Progress
Timeline: Over the course of 2 years. Each classroom teacher will group up with another campus teacher at least once a year.
Person(s) Responsible: Technology Director, Curriculum Director, Campus Principal, Teachers
Evidence: Lesson Plans, Student Projects, Partner List
Comments: Elementary School students will be paired up with High School students and Primary School students will be paired up with Middle School students. (These campuses are close to one another.)
LRPT Correlates: TL01, TL03

Strategy 1.1.2: Ensure all 4 district libraries are supported with automated record keeping and online card catalogues containing resources for student, staff and community use.
State: Original
Status: In Progress
Timeline: 2 Years
Person(s) Responsible: Technology Director, Campus Principal, Campus Librarian
Evidence: Purchase Orders for software support, various reports generated from automation software giving circulation statistics.
Comments: Librarians will be responsible for making sure students, staff, and community members are aware of resources available and how to locate them.
LRPT Correlates: TL11

Strategy 1.1.3: All campus libraries will make eBooks available for students to check out via MISD owned devices or personal devices. We will investigate the possibility of sharing resources with our community.
State: Original
Status: Planned
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Librarians, Principals, Technology Director
Evidence: Library Card Catalog entry's, Circulation reports
Comments: We want to provide materials to our students in a way they like to read- we will ensure all campuses are use a common delivery method to the student.
LRPT Correlates: TL06, TL08, TL09, TL10, TL11, TL15

Strategy 1.1.4: Ensure that all classroom teachers include internet driven projects each school year. This can include a podcasting project, iBook project or use of Edmodo and Google for Education.
State: Original
Status: In Progress
Timeline: 2 Years
Person(s) Responsible: Campus Principal, Teachers
Evidence: Teacher Lesson Plans, Principal Observations, Teacher Projects
Comments: Teachers can begin to build a collection of lessons integrating the use of the internet. These lessons can then be shared among the grade levels.
LRPT Correlates: TL01, TL06, TL08

Strategy 1.1.5: Ensure all students grades K-12 are exposed to curriculum to ensure personal safety and appropriate behavior while accessing electronic materials both local and on the internet in accordance with the Student Acceptable Use Policy.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Superintendent, Technology Director, Campus Principal
Evidence: Teachers lesson plans, Online Activities
Comments: The district will utilize some of the content currently available on the internet for safety through Region VII ESC.
LRPT Correlates: TL14

Strategy 1.1.6: Begin seeking funds and planning for a 1:1 student to mobile computing device ratio at the Middle School and continue the project at the High School Campuses.
State: Original
Status: In Progress
Timeline: Summer of 2014 to purchase equipment for High School Freshman Summer of 2015 to evaluate budget to expand the program to Middle School Summer 2015-Spring 2016 to provide training for 1:1
Person(s) Responsible: Campus Administration, Technology Director, Curriculum Director and Superintendent
Evidence: Budge meeting agendas, Copies of Grants, Purchase Orders

Comments: We will seek funding options via grants and local matching funds to continue a 1:1 student to mobile computing ratio and expand it beyond HS.
LRPT Correlates: I01, I02, I04, I09, LAS01, TL01, TL09

Objective 1.2: 100% of all students will improve performance in all curriculum areas using software for identification, remediation, and enrichment.
Budget for this objective: $51,000.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER01
NCLB Correlates: 01 02 04a 07 08 11 12

Strategy 1.2.1: Maintain service contracts on quality software already in place for all campuses including Plato for credit recovery at High School and Middle School, eBackpack for High School, A+ for Primary School and United Streaming, Brain Pop and Study Island district wide.
State: Original
Status: In Progress
Timeline: 2 Years- Evaluated at the end of each year to verify software is still meeting needs.
Person(s) Responsible: Technology Director, Campus Principals, Teachers
Evidence: Purchase Orders for service contract renewals, Minutes from Technology meetings, Improvement in state test scores
Comments: Software evaluation will be conducted continuously throughout the year with staff previewing new products as they become available.
LRPT Correlates: TL04, TL05, TL09, TL13

Strategy 1.2.2: 100% of students in grades 2-11 will be tested utilizing software such as Study Island Diagnostic to measure student achievement throughout the school year. Individual electronic instructional plans can then be made for every student based on results from State Testing and diagnostic testing. Student can then use software such as Study Island for individualized learning.
State: Original
Status: In Progress
Timeline: 2 Years- Students will be tested three times a year.
Person(s) Responsible: Curriculum Director, Technology Director, Campus Principals, Campus Counselors
Evidence: Testing data results in the form of reports for each semester, each campus. Purchase orders for software each year.
Comments: Study Island Diagnostic is an internet based diagnostic software package for tracking students achievement thought out the school year. Study Island is software used at all campuses for electronic, individualized instruction. A+ Anywhere is used at the Primary School for electronic individualized instruction.
LRPT Correlates: LAS08, TL04, TL07

Strategy 1.2.3: 100% of students grades 2-11 will access mock STAAR test and STAAR like test questions on the Internet for practice. Links from the school webpage will be available for parental use at home to improve academic achievement. A subscription to the website Study Island will be renewed to assist parents with STAAR practice at home for grades 2-12.
State: Original
Status: In Progress
Timeline: 2 Years
Person(s) Responsible: Business Manager, Technology Director, Webmaster, Campus Principals, Teachers
Evidence: Directory of websites for each grade level- electronic "Favorites" located on school website documentation of use in teachers lesson plans. Invoices for the renewal of Study Island- Grades 2-12.
Comments: Teachers will be responsible for locating and sharing resources to be placed on campus webpages. Notes will be kept in campus computer labs with information on accessing websites. One possibility for High School students will be the TRACK system with the University of Texas. In addition, a subscription will be maintained with Study Island, a web based STAAR practice site.
LRPT Correlates: LAS15, TL09, TL15, TL16

Strategy 1.2.4: All campuses will utilize the TEKScore/TAG software to evaluate and monitor students readiness for STAAR Testing.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Teachers, Principal, Curriculum Director
Evidence: TEKScore/TAG reports
Comments:
LRPT Correlates: EP03, LAS08, TL04, TL07

Objective 1.3: Prepare students for life after High School
Budget for this objective: $15,000.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER01
NCLB Correlates: 02 06 08

Strategy 1.3.1: 100% of High School students will be provided access to on-line information on colleges and universities including but not limited to admission requirements, financial aide, and degree offerings. AVID and Career Cruising are available for students.
State: Original
Status: In Progress
Timeline: 2 Years
Person(s) Responsible: Campus Counselor, Principals
Evidence: Counselor Notes, TAPR Report (# of students enrolled in post-secondary studies)
Comments: The AVID program is available on the High School and Middle School Campuses.
LRPT Correlates: TL10, TL13

Strategy 1.3.2: Design and implement a technology class to be incorporated into the curriculum at each campus. Class will involve community and business leaders as a part of the curriculum.
State: Original
Status: Planned
Timeline: Spring 2014- Identify staff, design class Spring 2014-Spring 2016 Conduct classes on each campus
Person(s) Responsible: Curriculum Director, Technology Director, Campus Principal, Campus Counselor
Evidence: Class Master Report for each campus, Class Role sheets
Comments: Spring of 2014 will be a period of time for identifying existing staff on each campus to teach the class. Once the class is staffed planning will take place between the 4 identified staff members to ensure the success of the class when it begins in the Fall of 2014. Community and business leaders will help with curriculum by helping teach the class.
LRPT Correlates: TL12, TL15

Strategy 1.3.3: Continue to plan and support for post-secondary course via distance learning or onsite for High School students and Community Members.
State: Original
Status: In Progress
Timeline: 2 Years- Offer a post secondary distance learning class each semester
Person(s) Responsible: Curriculum Director, Technology Director, Campus Principal, Campus Counselor
Evidence: Class enrollment report, Grade Sheets for class
Comments: Mineola High School will build mutually beneficial partnerships with institutions of higher learning to offer students and community members an opportunity to further their education in some cases before they graduate high school.
LRPT Correlates: EP08, TL13

Strategy 1.3.4: Ensure all Tech App classes are offered to Grades 9-12 and at least 3 are taught during any given year.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Superintendent, High School Principal, High School Counselor
Evidence: Student Class Request Documents
Comments:
LRPT Correlates: TL02

Strategy 1.3.5: Offer non-traditional High School courses such as Dual Credit, Advanced Placement or online classes 24/7 via the internet to meet the states graduation rules and prepare High School students for classes that don't actually physically meet. Texas Virtual High School would be a possible provider for these classes.
State: Original
Status: Planned
Timeline: Planning for Spring 2014 and Implementation Fall of 2014 and to continue through Spring 2016.
Person(s) Responsible: Technology Director, Curriculum Director, High School Principal, High School Counselor
Evidence: Enrollment Records, Grade Reports
Comments: These classes would allow students to work outside the traditional classroom and school day. They could get High School credit, college hours, and certifications depending on their choices. Possible partners include Tyler Junior College and Texas State Technical College.
LRPT Correlates: I03, LAS15, TL08, TL09, TL12

Goal 2: Provide all staff with the training, support, and tools necessary to foster a rich, technologically advanced learning environment for students.

Objective 2.1: 100% of the staff will attend 12 hours of intensive and sustained technology training designed for meeting the Technology Applications Standards for Teachers
Budget for this objective: $23,000.00
LRPT Category: Educator Preparation and Development
E-Rate Correlates: ER02
NCLB Correlates: 01 04a 04b

Strategy 2.1.1: Arrange for at least 2 teachers from each campus to visit other schools and entities to experience best practices. Schools in our consortium and Supernet might be possibilities to visit. We also want to visit schools with a current 1:1 program.
State: Original
Status: In Progress
Timeline: Summer 2014-Spring 2016
Person(s) Responsible: Curriculum Director, Technology Director, Campus Principal, Teachers
Evidence: Campus Substitute Report, Site Visit Report
Comments: Staff members who are identified as "needing" help with integrating technology will visit schools with best practices. They will in turn write up a report of the visit and make a presentation to the campus at a faculty meeting.
LRPT Correlates: EP01, EP03, EP06, EP09, LAS01, LAS03

Strategy 2.1.2: Identify 6 staff members, at least one from each campus, plus the Technology Director to attend the Texas Computer Educator Association Convention and Exposition in Austin.
State: Original
Status: In Progress
Timeline: Jan-Feb 2015 Jan-Feb 2016
Person(s) Responsible: Curriculum Director, Technology Director, Campus Principals, Teachers
Evidence: Purchase Orders, Registration, CPE Hours for each attendee
Comments: Staff members will submit a report of workshops attended and knowledge gained. Presentations will also be made at each campus.
LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP06, EP09, LAS06

Strategy 2.1.3: Provide incentives (stipends or comp time) to all staff members to attend technology training during the summer months. Possibilities include Region VII summer workshops and training provided by our staff.
State: Original
Status: In Progress
Timeline: June/July 2014 June/July 2015
Person(s) Responsible: Curriculum Director, Technology Director, Campus Principals, Teachers
Evidence: Purchase Orders for Registration, CPE record sheets
Comments: Staff members would be given the opportunity to attend workshops in Marshall or Region VII or other approved training in exchange for stipends or comp. time.
LRPT Correlates: EP01, EP02, EP03, EP05, EP08, LAS10

Strategy 2.1.4: Use 2 staff development days to provide staff member selected workshops. Identify and utilize staff members with "Best Practices" from within the school district and various other sources for teaching, including students.
State: Original
Status: Planned
Timeline: August 2014 August 2015
Person(s) Responsible: Superintendent, Curriculum Director, Technology Director, Campus Principals
Evidence: School Calendar, Workshop Schedule, Attendance Record Sheets
Comments: Staff members will show best practices and teach skills for integrating technology to peers.
LRPT Correlates: EP01, EP02, EP03, EP04, EP05, EP09

Strategy 2.1.5: Encourage educator participation in the Master Technology Teacher program by inviting a Master Technology Teacher to speak to the staff.
State: Original
Status: Planned
Timeline: Spring 2015
Person(s) Responsible: Superintendent, Technology Director, Curriculum Director
Evidence: Sign In Sheets from the presentation
Comments:
LRPT Correlates: EP07

Objective 2.2: Provide staff with quality, timely technical support and troubleshooting 100% of the time.
Budget for this objective: $300,000.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates:
NCLB Correlates: 12

Strategy 2.2.1: Continue to employee a full time Technology Director, desktop support staff, HS Tech Coordinator and contract for a System Engineer.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Superintendent
Evidence: Payroll Report, Employee List
Comments: Network Administrator will be Contracted on a year by year basis.
LRPT Correlates: LAS10

Strategy 2.2.2: Staff will request support to Technology Director via the website, who will respond directions back or will assign the request to appropriate staff member.
State: Original
Status: In Progress
Timeline: Fall 2014-Spring 2016
Person(s) Responsible: Technology Director, Network Administrator, Desktop Support, Computer Lab Staff, Teachers
Evidence: Support Request Spreadsheet, Technology Director Network Log
Comments: Work orders can be resolved by email or assigned to any of the following staff members: Technology Director, Network Administrator, Computer Lab Staff Request will be kept and disseminated for possible staff development in the future.
LRPT Correlates: EP02, EP09, LAS08, LAS10

Strategy 2.2.3: District Technology Committee will be formed under the direction of the Technology Director. This group will meet to discuss "Best Practices", troubleshooting, and technology planning and evaluation.
State: Original
Status: In Progress
Timeline: Committee will meet "As Needed" beginning Sept. 2014 through May 2016
Person(s) Responsible: Technology Director, Campus Principals, Designated Staff
Evidence: Meeting agendas, Sign-In sheets
Comments: Members of the committee will include the Technology Director, Campus Principals, Campus Librarians, Computer Lab Staff, Librarians, Community Members and recommended teaching staff.
LRPT Correlates: I03, LAS01, LAS02, LAS04, LAS05, LAS07, LAS13

Objective 2.3: 100% of the staff will implement and integrate the knowledge and skills gained from training and support.
Budget for this objective: $26,000.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER01
NCLB Correlates: 01 02 03 04a 04b 07 08 11

Strategy 2.3.1: The district will implemented a 1:1 program for classroom staff members to facilitate and enhance technology integration across the curriculum with Macbooks and iPads.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Curriculum Director, Technology Director, Campus Principals, Interested Teachers
Evidence: Purchase Orders, Assignment sheets, Technology Users Group Meeting Agendas
Comments: Staff members will be required to integrate technology in all curriculum areas. They will be encouraged to share "Best Practices" with fellow educators.
LRPT Correlates: EP09, I03, I04, I05, LAS10, TL06, TL08

Strategy 2.3.2: Require all staff members to identify and document student use and teacher use of technology in their lesson plans. Principals will incorporate this information into teacher evaluations. This information is then disseminated to other staff members.
State: Original
Status: In Progress
Timeline: Weekly- Fall 2014 to Spring 2016
Person(s) Responsible: Curriculum Director, Campus Principals, Staff Members
Evidence: Copies of weekly lesson plans turned into the campus office.
Comments: Staff members need to document specific uses of all technology tools used in their classrooms. i.e. Edmodo, Google for Education, Prezi, Study Island, iPads, Macbook Airs
LRPT Correlates: LAS12, TL01, TL03, TL06

Strategy 2.3.3: Advertise student projects created using technology tools available at the campus, central office, webpage and through the news media. We will also utilize i-Tunes U to publish student and staff education resources and materials. Robotics teams will be featured in the new media.
State: Original
Status: In Progress
Timeline: Fall 2014 through Spring 2016
Person(s) Responsible: Technology Director, Campus Principal, Staff Members
Evidence: Electronic Portfolios including actual student work, Digital photographs, Newspaper articles, Contract for I-Tunes U
Comments: Student work can be displayed on bulletin boards and via the school website. Projects can be displayed for School Board Meetings, and the local media can be contacted to photograph and/or write articles for the public.
LRPT Correlates: LAS07, LAS09, TL15

Goal 3: Establish mutually beneficial parent and community partnerships.

Objective 3.1: Increase community awareness of technological advancements through activities
Budget for this objective: $14,000.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER01
NCLB Correlates: 06 09 10

Strategy 3.1.1: Enroll 100% of parents 1st through 12th grades to access student information, grades, and attendance data via the internet, real time, with Parent Portal. The portal will also have the capability to communicate with parents via notifications.
State: Original
Status: In Progress
Timeline: Fall 2014-Spring 2016
Person(s) Responsible: Technology Director, Campus Principals, Campus Counselors, Teachers
Evidence: Purchase Orders for Service, Reports on Database Users
Comments: 1st through 12th grade parents will have access to all aspects of student information over the internet, real time. Records will be kept each year of the parents participating in the program.
LRPT Correlates: LAS11

Strategy 3.1.2: Technology Director will contact all service clubs in the city and campus parent organizations to offer programs on school technology and uses in the classroom each year of the plan.
State: Original
Status: In Progress
Timeline: Fall 2014-Spring 2016
Person(s) Responsible: Technology Director
Evidence: Technology Director's Calendar, Service Club Bulletins, Campus Parent Groups Meeting Agendas
Comments: The Technology Director will make contact with service clubs and campus principals each year to offer a program on technology in the school.
LRPT Correlates: LAS07, TL15

Strategy 3.1.3: The district will maintain and update a website that includes links for each campus, staff directory, activities, and school lunch menus. Space will be provided for staff members to post information for students and parents.
State: Original
Status: In Progress
Timeline: Website updated Bi-Weekly from Fall 2014 to Spring 2016
Person(s) Responsible: Technology Director, Superintendent's Secretary, Campus Webmasters, Student Webmastering Class
Evidence: Webpage Files, Update checklist
Comments: Under the direction of the Technology Director, the Superintendent's Secretary will update the web page with information pertinent to the district. Campus staff members will be selected to maintain the campus webpage with information pertinent to the campus. Staff members will be required create and post webpages. The High School Web-mastering class will be responsible for adding webpages for High School Clubs and activities.
LRPT Correlates: EP03, I03, I08, LAS09, TL15

Objective 3.2: Provide resources for community use
Budget for this objective: $20,000.00
LRPT Category: Leadership, Administration and Support
E-Rate Correlates: ER01
NCLB Correlates: 02 09

Strategy 3.2.1: Make school facilities and equipment available for community use.
State: Original
Status: In Progress
Timeline: Fall 2014-Spring 2016
Person(s) Responsible: Superintendent, Technology Director, Campus Principals
Evidence: Facilities Use Calendar, Equipment Check Out List
Comments:
LRPT Correlates: LAS09, TL15

Strategy 3.2.2: Provide various community entities with district TAPR report and NCLB Report electronically for businesses or families relocating to the area. The report link will be placed on the school webpage.
State: Original
Status: In Progress
Timeline: Update electronic copies each August 2014 and 2016
Person(s) Responsible: Superintendent, Technology Director
Evidence: Website
Comments:
LRPT Correlates: LAS09

Strategy 3.2.3: Provide opportunity for community access to all campuses' library card catalogs via the internet.
State: Original
Status: In Progress
Timeline: Fall 2014-Spring 2016
Person(s) Responsible: Technology Director, Campus Librarians
Evidence: Purchase Order for Hosting Services, Report on number of times accessed, Website
Comments: Libraries would continue to use the company Auto-Graphics which previously housed the Texas Library Connection.
LRPT Correlates: LAS09, TL10, TL11

Strategy 3.2.4: Offer adult ESL classes using ESL software and other language building technology activities.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Curriculum Director, Technology Director, ESL Staff
Evidence: Parent/Community Sign Up Sheets
Comments: ESL Staff members will use a variety of teaching methods including Rosetta Stone Software.
LRPT Correlates: I08, LAS09, TL15

Strategy 3.2.5: Offer members of the community and staff technology classes geared at basic and advanced training on both Windows and Mac platforms. Classes would include mobile devices such as the iPad as well.
State: Original
Status: Planned
Timeline: As requested from Fall 2014 though Spring 2016
Person(s) Responsible: Curriculum Director, Technology Director
Evidence: Facilities Use Calendar, Class Sign-Up Sheets
Comments: Classes would be offered based on request from the community. District personnel would be given the opportunity to conduct classes.
LRPT Correlates: EP01, EP02, EP03, EP04, EP05

Objective 3.3: Develop and nurture partnerships with commercial entities, as well as institutes of higher education
Budget for this objective: $25,000.00
LRPT Category: Teaching and Learning
E-Rate Correlates: ER01
NCLB Correlates: 02 10

Strategy 3.3.1: Continue the AVID program to encourage High School and Middle School students to work towards college admission. Community members will be utilized to help kids prepare for college.
State: Original
Status: In Progress
Timeline: Fall 2014 through Spring 2016
Person(s) Responsible: Superintendent, High School Principal and AVID Teacher
Evidence: Sub List for Community Members
Comments:
LRPT Correlates: LAS13

Goal 4: Provide the infrastructure, equipment, and software requisite for proper access to local and global communications.

Objective 4.1: Maintain a Local Area Network (LAN) and a Wide Area Network (WAN) that supports data and voice communication for the district.
Budget for this objective: $128,000.00
LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01
NCLB Correlates: 12

Strategy 4.1.1: Maintain connection to the Internet via 100mb fiber transport and 1gig internet bandwidth via a multi-school district consortium.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Superintendent, Business Manager, Technology Director
Evidence: Purchase Orders, Contract with Provider and SuperNet II Consortium.
Comments:
LRPT Correlates: I01, I06

Strategy 4.1.2: Maintain appropriate Network and Desktop Software contracts so all servers and computers can effectively communicate across the network with the latest Operating System.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Superintendent, Business Manager, Technology Director
Evidence: Signed Contracts and Purchase Orders/Invoices
Comments: Currently the school has an SLA with Novell and a School Subscription with Microsoft.
LRPT Correlates: I01, I05, I08, I09

Strategy 4.1.3: Maintain network level firewall and spam/content filtering software/device for security and safety of Students, Staff, and Community for all electronic communication.
State: Original
Status: In Progress
Timeline: Fall 2014 through Spring 2016
Person(s) Responsible: Superintendent, Business Manager, And Technology Director
Evidence: Purchase Orders, Support Contracts, Log Files, Equipment Inventory
Comments: The Astaro solution is currently in place and meeting the requirements of the Children's Internet Protection Act as well as State and Local Policies.
LRPT Correlates: I01, I05, I08, I09, TL14

Strategy 4.1.4: Maintain appropriate desktop software to protect the network and users from viruses and spyware from other computers and the internet.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Superintendent, Business Manager, and Technology Director
Evidence: Contracts, Purchase Orders/Invoices, Licenses
Comments: Currently the District utilizes Symantec Antiviris, Microsoft Spyware Defender and Spybot software solutions.
LRPT Correlates: I08

Strategy 4.1.5: Ensure access to voice communication between campuses and local/long distance communication.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Superintendent, Business Manager, and Technology Director
Evidence: Invoices from Service Providers- E Rate discounts Applied
Comments:
LRPT Correlates: I01, I02, I05, LAS14

Strategy 4.1.6: Expand a uniform wireless infrastructure in every classroom to facilitate anytime, anywhere learning. Make access available to students, staff and community visiting the campus. Private wireless will be available to those with acceptable use policies on file. Public access will be available to everyone with a very strict filtering policy. Allow Bring Your Own Device as bandwidth is available.
State: Original
Status: In Progress
Timeline: Fall 2014 through Spring 2016
Person(s) Responsible: Superintendent, Principals, Technology Director
Evidence: Wireless signal available at all Locations, Purchase orders for support and maintenance on the network
Comments: The district has chosen Aerohive as the wireless provider.
LRPT Correlates: EP08, I01, I02, I03, I04, I05

Strategy 4.1.7: Ensure appropriate policies and procedures are in place for data recovery after unforeseen data loss due to natural causes, vandalism, or equipment failure. Maintain equipment necessary to store data from all servers.
State: Original
Status: In Progress
Timeline: Fall 2014-Spring 2016
Person(s) Responsible: Superintendent, Technology Director
Evidence: Disaster Recovery Policy and Procedure Manuel, Verification of Data Back-Ups via log files, Purchase Orders for Support and Replacement of Hardware
Comments: We will investigate the possibility of offsite backups.
LRPT Correlates: LAS14

Objective 4.2: Ensure that each staff member has access to 1 state of the art workstation and there are at least 2 in every classroom.
Budget for this objective: $155,000.00
LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01
NCLB Correlates: 03 05

Strategy 4.2.1: Replace computers not meeting minimum specs. Dual Core, 4GB RAM, 180GB HD, GB Ethernet Card, DVD-RW Drive, and 17' Flat Panel Monitor.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Technology Director, Network Administrator
Evidence: Purchase Orders, Spec Sheets
Comments: Older equipment will be transferred to the Texas Department of Criminal Justice in accordance with District and State Policies or sent for recycle and disposal.
LRPT Correlates: I07

Strategy 4.2.2: Maintain budget items for the maintenance and repair of computers, printers, servers, mobile devices and data projectors. Engage and support contract where necessary.
State: Original
Status: In Progress
Timeline: Fall 2014-2016
Person(s) Responsible: Business Manager, Technology Director
Evidence: School Budget, Purchase Orders
Comments: As computers age and are used by students certain parts and/or machines will need to be replaced.
LRPT Correlates: I02, I04, I05, I07

Objective 4.3: Maintain each campus with at least 1 physically located Instructional Computer lab to be scheduled by the teaching staff in the campus library and one mobile computer lab.
Budget for this objective: $36,000.00
LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01

NCLB Correlates: 03 05 12

Strategy 4.3.1: Maintain wireless laptops and/or mobile devices for a mobile lab at all 4 campuses. A wireless printer should be included on the cart.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Technology Director, Principals
Evidence: Budget Item, Purchase Order
Comments: Wireless labs will ensure anytime, anywhere learning for all students a Mineola ISD.
LRPT Correlates: I01, I04, I05, TL09

Objective 4.4: Make provisions for peripheral equipment necessary to support innovative technology application projects.
Budget for this objective: $23,000.00
LRPT Category: Infrastructure for Technology
E-Rate Correlates: ER01
NCLB Correlates: 03 05

Strategy 4.4.1: Provide teachers access to online diagnostic tools for all campuses. Tools should be flexible to meet classroom goals as well as State Goals. Investigate an online subscription to allow access both at school and home and be available on both computers and mobile devices.
State: Original
Status: In Progress
Timeline: Fall 2014 for K-12
Person(s) Responsible: Curriculum Director, Technology Director, and Campus Principal
Evidence: Purchase Orders, Inventory of Equipment
Comments: Staff members will be asked to evaluate tools selected by the Technology Director.
LRPT Correlates: I09, LAS01, TL04, TL09

Strategy 4.4.2: Purchase a peripheral device for each classroom based on the needs of the staff member. Choices to include a wireless tablet, digital camera, dance mat, mobile devices, Apple TV or flatbed scanner.
State: Original
Status: In Progress
Timeline: Fall 2014- Spring 2016
Person(s) Responsible: Technology Director, Campus Principal
Evidence: Purchase Orders, Equipment Inventory
Comments: Campuses will be given a demonstration of these technologies and staff members will then choose what would best work in their classroom.
LRPT Correlates: I01, I05, I09

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 2014
- Telecom cost: $19,391.00
- Telecom source: Local Maintenance - $4,460.00
E-Rate Funds- $18,000.00
- Materials cost: $8,000.00
- Materials source: Title I- $8,000.00
- Equipment cost: $121,750.00
- Equipment source: Title I- $121,750.00
- Maintenance cost: $90,495.00
- Maintenance source: Local Maintenance- $55,773.00
Title I- $26,322.00
Rural Schools Grant- $8,400.00
- Staff development cost: $9,250.00
- Staff development source: Local Maintenance- $9,250.00
- Miscellaneous cost: $173,576.00
- Miscellaneous source: Local Maintenance- $136,046.00
Title I- $37,530.00
- Total: $422,462.00

Budget for year 2015
- Telecom cost: $19,391.00
- Telecom source: Local Maintenance- $4,460.00
E-Rate Funds- $18,000.00
- Materials cost: $3,000.00
- Materials source: Local Maintenance- $3,000.00
- Equipment cost: $208,750.00
- Equipment source: Title I- $108,750.00
Grants and/or Local Funds $100,000
- Maintenance cost: $82,095.00
- Maintenance source: Local Maintenance- $52,773.00
Title I- $29,322.00
- Staff development cost: $9,250.00
- Staff development source: Local Maintenance- $9,250.00
- Miscellaneous cost: $173,576.00
- Miscellaneous source: Local Maintenance- $136,046.00
Title I- $37,530.00
- Total: 496,062.00

EVALUATION

Evaluation Process:

The Technology Director will be responsible for all aspects of the implementation of the plan, including the evaluation of its progress and ultimate success. Also included are the development, dissemination, and collection of all technology questionnaires or surveys. Among these tools will be skills checklists for staff and for students, each of which will be administered at the commencement of the plan and each subsequent year to track technical progress. So in order to ensure the reliability and validity of these tools, arrangements will be made for the Technology Director to have resources to consult during their development--among these resources are the Region 7 ESC the Texas Center for Educational Technology (TCET) and the Texas Computer Educators Association (TCEA). The District Technology Committee (which includes the Technology Director) will meet as needed to monitor the progress of both the implementation of the plan's strategies and how well we are moving toward the plan's objectives.

Evaluation Method:

As delineated in the "Goals and Objectives" section, this plan sets forth four goals, each with its own set of objectives. The "Implementation Timeline" section describes the actions (or strategies) that will be taken to meet each of these objectives and outlines the sequence of steps to be taken to do so. Because proper implementation of a plan is crucial to its ultimate success, we want to ensure that each and every strategy is actually being implemented and is on schedule. Therefore, a checklist will be developed by the Technology Director that delineates in a simple format each of these strategies for each phase of the plan. Each month throughout the length of the plan, the Technology Director will verify that each of the strategies is taking place, update the checklist, and give a status report to the District Technology Committee during the bi-monthly meetings. Included in this update will be a description of the nature and extent of concerns expressed by staff (via support requests or otherwise) about any aspect of the

implementation of the plan. If a specific strategy is behind schedule or is problematic in any way, the Technology Task Force will determine whether it is still an appropriate strategy. Corrective action, if deemed appropriate, will be taken by Technology Director. The current status of the implementation of the technology plan will be relayed to staff during monthly campus Site-Based Decision-Making Committee meetings so each campus can make changes to the campus improvement plan as deemed necessary to meet the goals appropriate for their students.