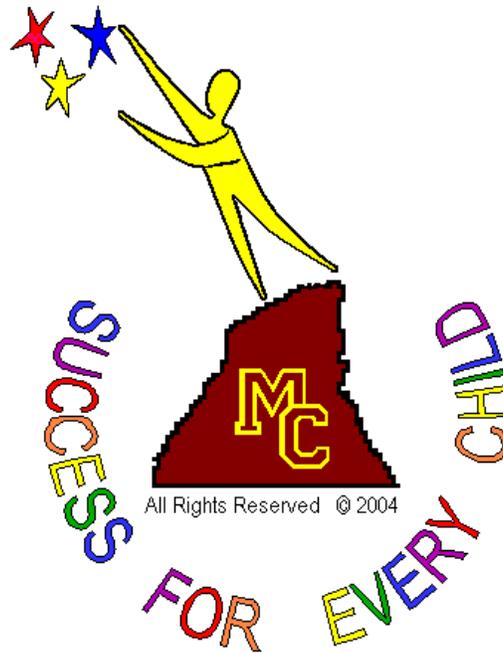


District Technology Plan 2018-2021

McCreary County School District
120 Raider Way Stearns, Kentucky



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Acknowledgments

District Technology Staff

Jeff Terry, Chief Information Officer

Greg Davis, System Engineer

Duston Baird, Technician

Angela Corder, Technician

Chad Chaney, Technician

School Technology Coordinators

David Durham, McCreary County Middle

Casey Whitworth, McCreary Central High

Eric Corder, Whitley City Elementary

Shane King, Pine Knot Elementary

School Library Media Specialists

Lynn Terry, Pine Knot Intermediate

Additional District

Amelia Stephens, Special Ed

Aaron Anderson, Assist. Superintendent

Jason Creekmore, District-Wide Services

Client Taylor, Director of Pupil Personnel

Students

Gunner Perry, McCreary Central High

Connor Terry, McCreary Central High

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Executive Summary

The McCreary County School District will equitably provide technology accessibility to promote student academic achievement, including technology literacy for students and teachers, and support the researched based programs in reading and math. Multiple funding sources will be used to enhance the existing technology that supports the education reforms including: Response to Intervention programs (RTI), online assessment, Reading Plus, Measure of Academic Performance (MAPs), iReady, and Apex Learning. Funding sources including KETS, Title I, local, and E-Rate funds. The district completed a two-year network upgrade to ensure technology resources are available to students and staff.

The personnel of the district recognize the impact of technology tools for innovative and effective teaching in the 21st Century Classroom. All of the classrooms in the district are 21st century classroom which have projectors or Interactive boards, document cameras, and other relative devices. Our goal is that all students become technology proficient by the 8th grade by providing a K-8 technology curriculum and student technology assessment, but the district also needs to ensure that any student that struggles with technology has the tools and opportunities to be proficient by graduation. Digital Citizenship and Cyber bullying instruction for all K-8th graders will occur through the Easytech program and 9-12th graders through the school's selected curriculum.

The district will continue to enhance communication with technology between staff, students, and parents. All parents will continue to have an opportunity to access our student information system regarding their child's current academic and attendance records through the Parent Portal. The district will continue utilizing services to notify parents and the community of latest school information through voice and text messaging, Social media, as well as continue community communication online resources through the district's web page with push technologies and posts of current instructional resources, assignments, and related instructional information.

Planning Process and Methodology

Each School develops a School Technology Plan which includes the existing technology resources. The School Technology Plan incorporates technology curriculum and resources needed to implement and sustain district and school programs including online student reading and math assessment, iReady, Apex, Lexia Learning technology curriculum, and 21st century technology skills, Technology standards for teachers, and student technology assessment. Each

school plan is reviewed the by the School Site-base Decision Making Committee. After the review, the School Technology Plan is sent to the Chief Information Officer. The School Technology Plans are then reviewed by the district technology committee and Comprehensive District Improvement Committee where the district plan is then developed based on school, district, state, and Federal initiatives. Priorities and goals are defined and aligned with district instructional goals. Strategies, timelines, funding sources, responsible personnel, and evaluations are defined for each goal.

The District Improvement Plan incorporates instructional goals and initiatives from the District Technology Plan. The local school board of education approves or disapproves District Improvement Plan and is posted online. The District Technology Plan is then sent electronically to KDE for approval. Ongoing evaluations of the goals are monitored during the school year, including Implementation and Impact reviews with the board of education where modifications are made if needed.

Many of the previous technology goals will need to be continued within the 2018-2019 school year, including the continuation of the technology curriculum and cyber bullying for all students, refreshing aging computers and devices, and maintaining existing infrastructure and 21st Century Classrooms. Other technology goals emerged from previous planning and data review such as the need ensure success of the One-to-One and Bring-Your-Own-Device learning initiatives. The district provided the 100% wireless coverage with the network upgrade for all schools in December of 2017.

Current Technology and Resources

The district current technology inventory consists of over 4290 devices of which now includes 2661 Chromebooks, 6 Voice-over-IP phone systems, wireless access points with security switches, and a gigabyte backbone and switches to the desktop. All the schools are connected by 1 G fiber back to the district hub site located at McCreary Central High School-which by within the next year will be connected with 500 MB connection to the Internet via the KIH3 network. All of the classrooms in the district are 21st century classroom which have projectors or Interactive boards, document cameras, and other relative devices. The entire district has a high poverty rate with the shared discount percentage based of free/reduced data at 90% for E-Rate funding. E-Rate funding at this time will be only eligible for data connections, voice services are no longer funded at this time. The district will need to continue to replace aging computers and devices with new systems and/or other student devices to ensure that the students and teachers have the latest reliable resources available in the classrooms and labs. Over 86% of the high school and middle Schools student computers are located in labs or in classrooms with 4 or more computers. In the elementary schools, 42% of the student computers are located in computer labs and 58% in the classrooms. However, the lab computers in the last few years have been offset with student Chromebooks, tablets, and BOYD devices. The district purchased 2661 Chromebooks in the last two years. We are projecting to purchase 200 Chromebooks this school year with additional training GAFE training for all for staff. Google for Education and Chromebook devices have worked well for students and staff.

We need to ensure that all of our teachers are highly-skilled in technology. In that regard, the district will continue to provide online technology professional development curriculum and assessment for all teachers and administrators including Digital Literacy, integrating technology in classroom tools and content and training on the), as well as the National Technology Standards for Teachers (NETS-T) content. The district has a Chief Information Officer, System Engineer, and three full-time computer technicians to support the existing technology infrastructure. Each School budgets and maintains replacement components for the 21st century classrooms. All K-8 students of will have the internet safety, cyber bullying as part of the Easy Tech technology curriculum which includes: indentifying dangerous people, protecting children from online predators, keep kids safe from cyber-bullies and harassment, filter inappropriate sites, surf safely, protecting children from online social networking dangers, and other tools for protecting students.

Curriculum and Instructional Integration Goals

Goal 1 Integration of Technology into Curriculum and Instruction

By May of 2019, 95 percent of all high school, middle school, and elementary school students will have used technology to reduce novice percentages district wide. .

. Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Maintain the iReady Program, Apex Learning Reading Plus, and Lexia Reading programs. Students work a percentage of the class time on individual reading level on the computer with the online reading curriculum.	School's completed RTI Plan and correct student literacy placement	State Assessment Spring MAPS scores, Reading program assessments	July 2018 through May 2019	Building Principals Aaron Anderson Jason Creekmore	District Title I, ESS School
All students will be tested in Reading, Math and Language Arts using technology-within online testing: Measure Academic Progress..Student progress will be monitored in Reading, Math, and Language Arts through the online Assessment and Nine Week Assessments. Assesment that will allow the district to monitor the	Data from testing used to determine student needs and to develop and implement instructional strategies, programs, and supplemental services and professional development Data from testing will assist teachers	Test Results Excel Spreadsheet will be presented to the Central Office Administrative Leadership Team and Principals each nine weeks. (will track individual student progress) Data will be used to	July 2018 through May 2019	Building Principals Counselors Aaron Anderson J. Terry	General Funds

progress of each identified sub-population (students w/ disabilities, GT, student in Corrective Reading, etc)	and administration in determining student needs and to develop and implement instructional strategies, programs, and supplemental services and professional development	assist in adjustments to sub-populations instructional strategies		Building Principals Counselors A. Anderson J. Terry	
Increase the use of the Learning Management Systems (LMS) model for teachers and students such as Edmodo with Google Apps for Education and webpage LMS model and Apex Learning	Increase student learning activities to relative 21 st century instructional goals and learning styles.	Implementation and use records of the LMS model		Building Principals Counselors Aaron Anderson J. Terry	\$0
Continue GradeCam in all classrooms	Quickly analyze student progress and make instructional changes	Purchase order and PLC meetings	July 2018 through May 2019	Building Principals Jeff Terry Aaron Anderson	\$5,985 School Allocations
Support the instructional devices for students to work in the Math and Reading Curriculum.	Students will have the technology available to work on the online math and reading curriculum.	Current computer inventories Reading and Math reports.	July 2018 through May 2019	Jeff Terry Aaron Anderson	Title I, KETS

Goal 2

By the end May 2019, expand and maintain the technology resources available to students and teachers in the classrooms Expand opportunities for educators and students to have access to technology-based content, resources, and tools where and when they need them as the focus for all students to be college and career ready.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Acquire additional student/teacher instructional devices - replenish older resources	Ensure student/teacher instructional devices- resources are available as needed in instruction	Dec KETS Update and Technology Activity Report	July 2018 through May 2019	Jeff Terry	KETS Local Funds Title I
Continue to support the Reading Program in grades 5-12 th Reading that uses an online prescriptive reading curriculum as well as classroom activities..	Ensure RTI reading curriculum as well as classroom activities. Are available in classrooms,	Support Logs and Student Reports	July 2018 through May 2019	Jeff Terry Aaron Anderson Principals	Local Funds Title I
Maintain the online Assessments, Renaissance Learning, and Destiny, , Infinite Campus, and One Call Now subscription licenses:	Provide Math and Reading Assessments for RTI Evaluation,	Student Assessments; AR and Star Reading Reports; Library and student checkout Reports; Student Management Reports; Parent/Student notification reports	July 2018 through May 2019	Jeff Terry Aaron Anderson Principals	Local Funds Title I
Online student assessment Renaissance Learning Application Suite The Destiny Library Management Infinite Campus- Student Information System One Call Now— Calling notification systems	Provide: Reading Assessments Star and Program Reading Assessments and reports Grades and Parent Portal and communication,			Jeff Terry Aaron Anderson Principals	Local Funds Title I

<p>Maintain the current Interactive classroom components and application in all K-12. The 21st Century Classroom technology resources will be available in all classrooms in the district, which includes, projectors, Interactive boards, and document cameras. Budget for Replacement bulbs or projectors for the existing projectors over 1 year. These technology resources are used in daily lessons in all content area K-12 and allow teachers to implement ISTE-NTE standards in daily lessons.</p>	<p>Ensure that all classrooms have the technology available in the classroom as need for instruction.</p>	<p>Help Desk Work Orders and Replacement Purchase Orders</p>	<p>July 2018 through May 2019</p>	<p>Jeff Terry Aaron Anderson Principals</p>	<p>Local Funds School Funds</p>
<p>Support the Office Online 365, Skype for Business (Lync), SharePoint, and Skydrive for staff and students</p>	<p>Aggregate and student-level Provides anytime anywhere office MS Office applications to staff and students, online video/voice conference, and shared documents, and online storage</p>	<p>Support and Readiness Logs</p>	<p>July 2018 through May 2019</p>	<p>Jeff Terry</p>	<p>No Cost</p>

Curriculum and Instructional Integration Goals – Evaluation

The district uses multiple technology resources in the instructional curriculum as well as the Response to Intervention (RTI) program in all schools. Focusing on continuous progress for every student and closing achievement gaps, the RTI program use a universal screening data to identify student learning. We currently are using the Measured Academic Progress a as the universal screener in ALL schools, an online computer assessment in Reading, Math, Language Arts and Science. Student progress is monitored in Reading, Math, and Language Arts through the MAPS and Nine Week Assessments. MAPs Testing will take place three times per year (beginning (Sep), mid-year (Jan) and end (May)). New students in grades K-12 entering schools will be tested prior to assigning the student to a class. Prior to each nine weeks, a planning day will be scheduled in the District Calendar to review/revise Curriculum Maps and Assessments to be turned into the principal and instructional supervisors at the beginning of each nine weeks. An integrated team of teachers with ongoing PLC meetings and the principal will complete a self-audit on curriculum maps and all nine week assessments where mid-course corrections are made and classroom and school reports are created on student progress. The school reports are then sent to the district supervisor of instructions for district review and recommendations along with weekly Eleot driven leadership team evaluation walk-throughs.

The KET Unmet Need Report, KETS Readiness Report, school inventories, and technology work orders will be used to ensure that the technology resources are available to classroom teachers for the integration of Technology into Curriculum and Instruction. Reports within the specific curriculum applications are used to track individual and group student progresses that are shared within common planning and PLC meetings and school and district leadership meetings. . Interim assessment data as well as PLAN, EXPLORE, ACT data is available through online reporting. Summative End-of-Course and state K-PREP test data will be uploaded into the system as it is available for longitudinal evaluation data showing the level of implementation and growth.

Student Technology Literacy Goals

Goal 1

August 2018, continue the Student technology Curriculum in grades K-12 aligned with ISTE-NETS standards and meet Digital Citizenship, Cyber bullying . Student Technology assessment continued by end 2019

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Curriculum for all students grades K-12 along with the cyber bullying curriculum instruction, which includes digital literacy and digital citizen aligned technology ISTE-NETS curriculum, and includes technology skills in core subject learning which includes student track and progress reports of technology literacy.	All Students will complete the cyber bullying and Internet Safety curriculum within the first month of school. Student technology Curriculum for all students grades K-12 aligned with ISTE-NETS.	Purchase of the online curriculum and ongoing classroom reports Documentation of students work on the Online safety and cyber bullying,	July 2018 – May 2019	Jeff Terry All Principals	KETS/Title IV
Each student will work with the Digital Literacy curriculum with student progress reports gaps, and assessments retained at the school site.	Ensure that all Students are proficient	NETS aligned Curriculum.	July 2018 – May 2019	Jeff Terry All Principals	Local Funds

Goal 2

By the end May 2019, students will be assessed in Technology Literacy and Digital Citizenship to ensure that all students are proficient in technology.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
<p>Students in grades 2nd - 8th will take student technology assessment as part of the East Tech Curriculum.</p> <p>Any Students in 9th and 12th grade that does not pass the 8th grade student technology assessment test will work on additional Technology curriculum to ensure all 12th graders are technology proficient by the end of FY 2019 Documentation of all minor students to be kept at school for 5 years as related to Online safety and citizenship, and cyber bullying.</p>	<p>Students will be Technology Proficient based on Test Results</p> <p>Students will be Technology Proficient based on additional course work and observation.</p>	Percentage of students that are technology proficient based on student test scores	July 2018 – May 2019	<p>Jeff Terry</p> <p>All Principals</p>	KETS/Local Funds

Student Technology Literacy Goals – Evaluation

Each elementary school develops a schedule to be sure that time is allocated and activities being implemented that assure that students are meeting the expectation of technology literacy by the 8th grade. The District will continue to use the Easytech Curriculum for all students in grades K-8th. The program includes digital literacy and digital citizen, age appropriate Cyber Bullying aligned technology ISTE-NETS curriculum,. The application also includes 21st Century Skills of critical thinking, communication, collaboration and creativity of technology skills in core subject learning. Students are tracked with progress reports of technology literacy and assessments which ensures proficiency and mid-course corrections. Documentation of students work on the Online safety and cyber bullying modules will be retained for 10 Years starting the in the 2015-2016. The instructional materials needed to continue this application are include in the online curriculum and within "Technology Goals" for the maintaining and refreshing the student computer labs as evident by inventories and work orders. The eighth grade student technology proficiency reports are sent with the students to the high school each year as well as reported to the state on the KETs Readiness report in December. In the event that a 8th grade student is not proficient in technology, the data results are sent to the high school where the student will continue development within the high school curriculum.

Staff Training/Professional Development Goals

Goal 1

By May 2019, technology professional development opportunities for integration and skill based will be available for all teachers and administrators

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Provide ongoing access to the Online Technology Professional Development of Integrating Technology in the Classroom for all teachers and administrators: Google for Education, Google Classroom , Office 360 and Online resources—Provide training for the Office 2016, Office 365, Lync, Once Drive, Windows 10, and collaboration tools, SimpleK12	All teachers will have PD available on integrating technology in the classroom reflected in the PD records and tracked in the SIS.	Reports generate by the online Curriculum and PD reports	July 2018 –May 2019	Aaron Anderson Jason Creekmore Jeff Terry	Local PD

Goal 2

By July 2019, technology professional development opportunities for National Educational Technology Standards for Teachers will be available for all certified staff and each staff will be assessed in technology to ensure that all staff will meet the National Education Technology Standards for Teachers.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Provide ongoing access to National Educational Technology Standards for Teachers Online Professional Development Curriculum	All teachers will have PD on demand integrating technology resources in the classroom based on NETS.	Reports generated by the Online Professional curriculum.	July 2018-May 2019	Aaron Anderson Jason Creekmore Jeff Terry	Local PD No Cost for online PD 360
Teacher NETS-Evaluation for ongoing PD and Individual Growth Plan and evaluation	Evaluation of All teachers Technology as related to National Educational Technology Standards	Teacher Evaluations and Eleot documented walk-throughs	July 2018-May 2019	Aaron Anderson Jason Creekmore Principals	Local PD No Cost for online Office 365

Staff Training/Professional Development Goals – Evaluation

- One of the focuses that has emerged in the last two years is additional training for staff with Google Applications for Education including the online tools, Google Drive, and Google Classroom. We plan to provide an opportunity for all teachers will have PD integrating technology resources in the classroom based on National Technology Standards for Teachers. The district will need to provide additional professional development for teachers and administrators on Microsoft Office 2016, Windows 10, and applications and the associated changes to Live@edu project including the skydrive (One Drive) and online tools including Office 365 with Business Skype (formerly Lync). Provide training with for all staff with the SimpleK12 online portal including Google Tools & Apps., iPads & Mobile Learning, Office 365 , STEM & Literacy, Common Core Standards, Projects Based Learning, Differentiated Instruction, Internet Safety & Bullying and Formative Assessment. The methods to be used to provide the training will include just in time, after school/summer PD workshops, train-the-trainer, Common Planning time, off-site training. Each school will develop the Professional Development goals and plan that is approved by Site-Base and the Board of Education. The principal will monitor each teacher's progress throughout the year with PD 360 reports, CIITS Activity Reports and Teacher Evaluations and modify each teacher's professional growth plan as needed. The individual teachers professional growth plan will define areas of growth, PD activities that are effective in promoting integration of technology into the curricula and instruction, enhance the ability of teachers to teach, and enable students to meet challenging state academic standards..Teachers will be monitored with the online Professional Growth and Effectiveness System.

Technology Goals

Goal 1

By the end May 2019, maintain the technology resources available including Network and wireless capability to support 1:1 and Bring Your Own Device Initiatives for students and teachers in the classrooms Continue and Expand opportunities for educators and students to safely have access to technology-based content, resources, and tools where and when they need them.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Maintain 6 IP Phone Systems that provide local/long distance/PRI services and cellular/data service.	Ensure student/teacher//staff/Parent communication to the school and within district.	Support records and phone records	July 2018 - May 2019	Jeff Terry	KETS/E-Rate/Local Funds
Maintain aging Switches and wireless equipment in all Schools.	Ensure student/teacher/Parent data infrastructure to support instruction in the district for one-one and Bring your Own Device Instructional initiatives..	100% Switches/ wireless coverage as shown on Dec. KETS Activity Report	July 2018 - May 2019	Jeff Terry	KETS/E-Rate
Acquire additional student/teacher Instructional devices replenish older resources	Ensure student/teacher workstation resources are available as needed instruction	Dec KETS Update and Technology Activity Report	July 2018 - May 2019	Jeff Terry Aaron Anderson Principals	KETS Local Funds <i>Title I</i>

<p>Maintain the current Interactive classroom components and application in all K-12. The 21st Century Classroom technology resources will be available in all classrooms in the district, which includes, projectors, Interactive boards, and document cameras. Budget for Replacement projectors or install Interactive boards. Multiple year replacement. These technology resources are used in daily lessons in all content area K-12 and allow teachers to implement ISTE-NTE standards in daily lessons.</p> <p>Secure Data and Data Breach Policies./Procedures and communication.</p>	<p>Ensure that all classrooms have the technology available in the classroom as need for instruction.</p> <p>Continue and update Data Breach policies and procedures as defined in HB5 and HB 232 with communication to Board of Education and staff</p>	<p>Work Orders and Replacement Purchase Orders</p> <p>Policy and procedures .Board Minutes</p>	<p>July 2018 - May 2019</p> <p>July 2018 - May 2019</p>	<p>Jeff Terry Aaron Anderson Principals</p> <p>Jeff Terry</p>	<p>Local Funds Title I Local Funds</p> <p>\$0-</p>
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Goal 2

. By December 2018,(ongoing to 2019) voice and data services, the pathway to technology instructional resources for students and staff, will be working 99.9% of the time as measured by voice and data logs.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Produce monthly district bandwidth reports to be kept on hand to evaluate effective use of district bandwidth and the possible impacts to the communication and the learning environment. KETSView, http://ketsview.kyschools.us , and bandwidth speed analyzer to a desktop	Provide instructional resources to all students and staff	KETS VIEW and district reports	July 2018 - June 2019	Greg Davis	N\A
Maintain the 6 IP Phone Systems.	Provide communication for parents, staff, and admin	Technology Activity Report and KETS unmet need report	July 2018 - June 2019	Jeff Terry	KETS/General Fund
Continue the deployment of Instructional Technology personnel so that there is broadband access 24 hours a day, seven days a week, 365 days a year.	Provide instructional resources to all students and staff	Time Sheets	July 2018 - June 2019	Michael Cash Jeff Terry	General Fund
Continue high speed leased telecommunication services Dark Fiber and PRI Service.	Provide instructional resources to all students and staff	Data Records	July 2018 - June 2019		- General Funds 90% E-Rate

Technology Goals – Evaluation

McCreary County Schools envisions that all students will have equitable access to reliable data and voice telecommunications services within a technology enriched learning environment including technology skilled instructors, 21st Century Classroom devices, and that all students will be technology proficient and have a quality individual education that enables them to succeed and attain their maximum potential so they can be effective contributors to the community and nation. The district current technology inventory consists of over 4290 devices including over 2660 Chromebooks, 6 Voice-over-IP phone systems, upgraded wireless access points with security switches, and a gigabyte backbone and switches to the desktop. All the schools are connected by 1 G fiber back to the district hub site located at McCreary Central High School-which by within the next year will be connected with 500 MB connection to the Internet via the KIH3 network. The district adheres to the State technical standards to ensure compatibility of interconnected systems. The district will need to ensure the security of data and data breach policy and procedures that began in August 30, 2015. The communication and instruction related to data security will need to be ongoing.

Current district data reviews based on KETS Unmet Need Report, KETS Readiness Reports, and School Inventories reflected a need for additional switches and wireless equipment within the district network infrastructure to support One-to-One and Bring-Your-Own-Device learning initiatives. The over 85 % of the work was complete in 2015-2016 and the remaining upgrade complete in December of 2017. The district will need to continue to replace aging instructional devices and maintain the current voice/data infrastructure to ensure that the students and teachers have the latest technology reliable resources available in the classrooms and labs. Over one-third of the student workstations are over 5 years old. The 1:1 initiative with Chromebooks has significant reduced the number of students labs within the district, thus funds to maintain labs should be shifted to support the 1:1 devices. District Work Orders, KETS Unmet Need Report, KETS Readiness Reports, KETS View, and School Inventories will be monitored to evaluate the existing technology resources available for instruction and online assessments, make mid-course adjustments, and to meet the challenging state academic standard

Budget Summary 2018-2019 (modified yearly)

Acquired Technologies and Professional Development	E-Rate	Title I	KETS	Other (Specify)
Data Connections to Schools-Dark Fiber Lease	\$34,560			\$3,840 Local
MUNIS Yearly Maintenance				8,000 Local
Infinite Campus Yearly Maintenance				20,000 Local
Microsoft License			\$23000	
Online Curriculum K-12 -Digital Literacy, Internet Safety, and Cyber Bullying			\$22,132	
Professional Development- Teacher Tech Standards				10,000 Local
Maintain Upgrade 6 IP phone systems				\$0 3yr- warranty
Computer and Related—Update Student devices towards 1:1		\$20,000		
Web Hosting application for academic –				\$5,080 title 6
Destiny Library Management			\$6,045	
Maintenance of Switches/Wireless			\$8,829	
Telco Local Long Cell MTM and PRI (reduced 0% E-Rate to voice for 18-19)				\$52,000
Tech Staff and Support Cost				\$329,174
One Call Now –Notification				\$3800
MAPS-Online Assessment				\$20,000
TOTAL	\$34,560	\$20,000	\$59,045	\$474,026

26 D total=\$549,231

Budget Summary – Narrative

To ensure teachers and students will have equitable access to reliable data and voice telecommunications services, the district's budget reflects the recurring telecommunication costs for the data connections to the schools which includes the Dark Fiber Lease, PRI circuits, local and long distance voice service. The Fiber will be a Priority I Funding Request for E-Rate funds of \$34,560 with the General Funds contribution of \$3,840. The local and long distance voice service as well as PRI voice service will be a Priority I voice service with the modernization reduction by 20% per year for two years starting in FY14-26 thus, funding request for E-Rate funds for voice service is 0% now an all local funds .

The budget reflects other non-E-Rate items to support the Technology and Instructional Goal that are provided from multiple funding sources. General Fund, Title I, Title IV, will contribute \$474,026 for 2018-2019 school year. The items as described within the budget provide for a sufficient funds to acquire and support all technology elements including additional hardware, software, online assessments, parent communication systems, support staff, and professional development. Many of these items will be budgeted each year such as MUNIS Maintenance, Microsoft Software License, K-8 Online Easy Tech Curriculum, Professional Development, Reading 180, One-Call-Now, Measured Academic Performance Assessments (MAPS), and technology support staff. The district will need to continue to fund instructional devices as noted since over one-third of the student devices are over 5 years old. The KETS budget is based on providing additional instructional devices for student by using remaining KETS budget from several past years. The district reserved some KETS funds in the previous funding years until the essential infrastructure was in place to allow for the successful BOYD and 1:1 initiatives.