Technology Plan
Adair County School District
Columbia, Kentucky

http://www.adair.kyschools.us

Creation Date: April 15, 2017

Plan Start Date: July 1, 2017
Plan Expiration Date: June 30, 2018

Acknowledgments

District Technology Staff

Carla Perkins, DTC/CIO

Jason Rector, Network Administrator

Trey Grider, District Technician

Dylan Claiborne, Assistant Technician

School Technology Coordinators

Christie Paxton, Adair Co. Primary STC

Alice Curry, Adair Co. Elementary STC

Adam Cox, Adair County Middle STC

School Library Media Specialists

Jennifer Myers, Adair Co. High STC/LMS

Technology Integration Specialist/CRT

Pat Coomer, Curriculum Resource Teacher

Additional District Contributors

Pamela Stephens, Interim Superintendent

Phyllis Curry, Academic Dean

Robbie Harmon, Dean of Students

John Shelley, Title 1 Director

Anita Goode, Exceptional Education Director

Steve Turner, Federal Programs Director

Other Contributors

Chad Parnell, Adair Co. High Director of Innovative Pathways

Laura Marcum, Adair Co. Primary STLP Coordinator/Teacher/Parent

Alma Rich, Adair Co. Middle Principal/Parent

Nicholas Honaker, Adair County High Student

Table of Contents

Executive Summary

Adair County Schools . . . *preparing every student to be college or career ready.*

While our mission statement is simple, it is also profound. Our main goal is to prepare all students to be college or career ready so that when they leave Adair County Schools they are set for success in life.

"Just Lead" is the underlying theme for our entire district and the focus of what we do. As a participant in the "Race-to-the-Top" grant with all schools designated as "Leader In Me" schools, we are building a strong foundation of leadership from our primary students up through our high school students. Teachers and staff have completed highly extensive training in school leadership, including Steven Covey's "Seven Habits of Highly Effective People", "Leader in Me", and other trainings.

The goals of this plan fully support our mission statement and focus because technology is a key element in preparing our students for success in life, including college and career readiness. Technology will not be used for the sake of technology, but will be integrated in meaningful ways with real-life implications.

We know that the effective integration of technology in the classroom has a direct and positive impact on student achievement. As we strive for 1:1 student/instructional device ratio, we will continue to seek all available funds to purchase additional devices for our students and encourage students to participate in Bring Your Own Device (BYOD).

With nearly $600,000.00 invested in technology in the 2015-2016 school year, Adair County has made significant strides with improving not only our network infrastructure and Wi-Fi, but also purchasing several instructional devices for our students. The district has invested in a new districtwide VOIP phone system and IP security camera system. With the recent KEN upgrade to 250 GB and the numerous technology improvements that occurred since the 2015-2016 school year, our district is set to prepare our students for college and career readiness, K-12 and beyond.

A key focus of the 2017-2018 technology plan is to maximize the use of the technology network infrastructure and devices that the district has already invested in and to purchase additional devices, as needed to meet the instructional needs of our students. All technology resources will be maintained and students and staff will be provided the level of technology support (how-to and instructional) necessary to utilize technology to its fullest capacity in the classroom. We will continue to seek improvements for technology, as we want our staff and students to have the best experience utilizing technology to meet both instructional and administrative needs.

The district will continue to invest in cloud-based and server-based instructional programs that are aligned to curriculum standards with student success already proven in the district. MAP testing will allow teachers and administrators to track individual student progress and target individual student needs toward meeting curricular goals. Student assessments will be conducted in CIITS to provide readily available feedback in regard to student progress.

Professional development of teachers and staff is a key element in this plan. By providing teachers with the technology tools and the training to use those tools effectively in the classroom, we are empowering them to meet the 21st century learning needs of our students. Teachers will provide innovative and effective instruction to prepare our students for college and career readiness.

As we strive for technology literacy of all students by the time they leave the eighth grade, we will explore the possibility of adding a technology literacy curriculum with assessment for middle school students to ensure that students are technology literate by the time they leave the 8th grade. Teachers are encouraged to integrate technology literacy instruction in classrooms, library media centers, and computer labs.

To enhance communications between the district, parents, and the larger community, the district will continue its web presence with relevant and timely content on school, district, and teacher websites. Public forums, presentations to the Board of Education, radio announcements, and newspaper articles will be used for communication purposes. For increased security and safety throughout the district, the district will continue to use a sign-in/sign-out system with all employees provided with a district-issued identity badge and all visitors required to sign-in with photo ID. A panic button system to identify emergency

situations or intruders in our buildings will be utilized for the safety and security of our staff and students. A districtwide IP security camera system will be utilized for enhanced school safety.

Several strategies are planned for implementation. Some of which are a continuation of what we are already doing and some of which require the purchase of new resources. Program administrators collaborate to purchase technology resources that are necessary for meeting the diverse learning needs of our students.

Embracing the technology that is currently available and utilizing it as a tool for meeting the diverse learning needs of our students will help prepare them for college or career readiness and ultimately success in life. This document serves as our guide for the upcoming school year. It will be reviewed and modified as necessary to meet the instructional and administrative technology needs of our students and staff.

Planning Process and Methodology

The district technology committee's role is to determine a plan of action for our school district that will allow students and staff to use technology more productively and effectively in the 21st century classroom. Current instructional technology needs and the vision of instructional technology possibilities for the future were considered. School technology plans were influential. The district's mission statement and the utilization of technology to address the mission statement were the guiding factor in the creation of this plan.

The current technology plan was revised to include new strategies and initiatives and to remove strategies that were met or no longer relevant to the technology goals of our district. School and districtwide technology needs were considered. The DTC/CIO collaborated with all stakeholders electronically and face-to-face as needed during the process of creating this plan.

The DTC/CIO, along with the support of the Superintendent, Board Members, Central Office Administrators, Principals, and school technology support staff are responsible for the implementation of this plan. The DTC/CIO will review the technology plan at least twice a year to determine that the goals set forth in the plan are on target or need to be modified. Any needs that have arisen will be addressed with plan revisions. The technology committee will communicate face-to-face or electronically as necessary.

Broad goals have been set that remain relevant to our mission. The focus is on strategies and activities that will provide our staff and students with the guidance, resources, and knowledge necessary for increased student and staff proficiency with the use of technology to meet instructional goals. These goals are carried forth from year to year with specific strategies and activities changing from year to year.

Some strategies are ongoing from year to year, such as (a) maximize the use of all available resources to meet the instructional needs of our students; (b) provide best practices for integration of technology into all content areas; (c) district and school technology staff will attend relevant meetings, regional, state, and/or national conferences with relevant information shared with staff; (d) ongoing professional development activities provided for staff in a variety of modes; (e) to continue to replace, upgrade, discard or purchase additional instructional devices; and (f) to match KETS escrowed funds to purchase technology resources.

Additions to the upcoming plan include: (a) explore possibility of adding technology literacy curriculum with assessment for middle school students; (b) install single mode fiber connection between MDF and IDF closets at elementary school; (c) install single mode fiber connection between MDF and IDF in Ag Shop at high school; (d) conduct research, vendor meetings, enter into new 3-year districtwide copier lease to begin in July 2017; (e) explore feasibility of purchasing a Substitute Finder program; and (f) explore the feasibility of purchasing a learning management system. Each new strategy that is included in this plan fully supports our need to provide 21st century learning opportunities for our students that will ensure their college and career readiness.

The majority of strategies were met, with only a few that carried over to 2017-2018. These include: (a) explore the instructional and legal implications of utilizing Skype for homebound student instruction; (b) convert school media (VHS, DVDs, etc.) to digital format stored and shared from Vbrick system; and (c) explore server virtualization as means to streamline our district's network and to save costs on equipment, software, maintenance, and energy.

Key strategies within the 2016-2017 technology plan that were met include: (a) All schools provided STLP enrichment activities that led to each school's STLP organization participating in regional competition with invitations to all 4 school groups to participate in STLP State Competition, in which Adair County Primary Center's group placed in the Top 10 in the State; (b) The Board matched all available KETS escrowed funds and offers of assistance for a total of $96,096.00 matched as of April 15, 2017 to be used for instructional technology resources; (c) All phases of the districtwide IP security camera system were installed and are fully functional; and (d) a virtual learning lab was opened to meet the diverse learning needs of our high school students.

Many great things with technology have happened throughout our district during the past few years and district leadership, staff and students intend for this trend to continue.

With the numerous technology improvements that have occurred during the past few years, the greatest need that has emerged is to ensure that all technology resources are implemented to their fullest capacity for the maximum impact on student achievement, including college and career readiness.

Current Technology and Resources

Demographic Information

The Adair County School District is located in Columbia, KY. Our school district consists of Adair County Primary Center (Grades K-2), Adair County Elementary School (Preschool plus Grades 3-5), Adair County Middle School (Grades 6-8) and Adair County High School (Grades 9-12). In addition to these classrooms, resources and staff are provided for the Adair Youth Development Center, a maximum-security facility for juveniles and Spectrum Care Academy, a treatment facility for children. Administrative offices and district support are housed at the Adair County Board of Education, Technology Office, Transportation Complex, Maintenance Building, and Migrant Office. The student membership reported on the 2015-16 District Report Card is 2589.

Current Technology

With the exception of Adair Youth Development Center and Spectrum Care Academy, all schools are located on one campus and are connected via single-mode fiber optic network that is owned by the school district. Other buildings on campus that are connected to the fiber optic network include: the Board of Education, Technology Building, Transportation Complex, Maintenance Building, and Migrant Office. Our district's wide area network KEN connection was recently upgraded to a high-speed 250 GB broadband connection.

As reported on the FY16 Technology Tools Readiness Report, there are 1160 instructional devices for elementary student use in grades P-5 and 1050 instructional devices for secondary student use in grades 6-12. There are 459 devices throughout the district for staff use, including teachers, administrators, and classified staff. These numbers are not stagnate in that technology device purchases are frequently made as additional funding and needs are identified. Many computers, iPads, and Chromebooks have been purchased or are in the process of being purchased for classroom use.

Since 2014, computers in all computer labs and libraries have been upgraded at all schools. Many classrooms have student computers. However, the trend shows less student computers in classrooms as Chromebooks and iPads are the preferred instructional device throughout the district and are readily available in classrooms or to be checked out from the library for use in classrooms.

In the summer of 2014, all teachers were provided with a new Dell OptiPlex 9020 All-in-One computer with webcam for desktop videoconferencing. Administrator devices are kept up-to-date and replaced, as needed.

Window 8.1 is the predominate operating system throughout the district. The district began its transition to Windows 10 during the 2016-2017 school year with plans to upgrade all devices when feasible. There are some Windows 7 computers in operation. Windows XP machines have been removed from the network.

Desktop virtualization via N-Computing is being utilized with success in the agriculture department at Adair County High School.

Cloud-based and server-based instructional programs are used to meet the instructional needs of our students. In addition to those that are currently used, these programs are continually evaluated for effectiveness with new programs sought as we look for specific technology tools to meet specific instructional needs. Odysseyware, VBrick and the Internet are used for content delivery and research. Study Island, a research-based online instructional tool that is aligned to Core Content is utilized in grades 2-12 to reinforce and show mastery of concepts. Follett's Destiny online library system and Renaissance Place's online Accelerated Reader program are used to promote reading achievement throughout the district. Other instructional programs and Internet resources that are used within the district are: Accelerated Math, Compass Learning, BrainPop, IXL, Flocabulary, Reading Wonders, My Math, etc. Staff and students utilize Microsoft Office 365 and Google Apps for Education for productivity, collaboration,

and anytime, anywhere access to schoolwork. Students have access to computers, Chromebooks, and iPads for research, drill and practice, simulations, word processing, problem-solving, etc.

Nearly 100% of classrooms have multimedia projectors that are utilized each day for instruction. Of these classrooms, some are equipped with interactive whiteboards. The Adair County Middle School is nearing completion of installing Smartboards in each 6th, 7th, and 8th grade classroom. All classrooms at Adair County Primary Center and some classrooms at Adair County Elementary School are equipped with Epson interactive projectors.

Teachers are expected to use the Comprehensive Instructional Improvement Technology System (CIITS), which connects Kentucky Standards to curriculum resources, provides a lesson planner, scheduler, and assessment tool. CIITS includes a formative assessment tool that allows teachers to create student assessments and provides a wealth of online professional development opportunities. CIITS links student demographics and assessment data, which allows teachers and administrators to track the progress of students.

All classrooms and offices are networked with Ethernet architecture within buildings and a fiber optic network that connects all building locations on campus to the main district hub site, the District Technology Building. All schools are connected to the WAN via single mode fiber 10 Gbps connection speed. Within each building, there is a single mode fiber connection that connects the MDF to the IDF wiring closets with the exception of the MDF to IDF-AG at Adair County High School and the MDF to IDFs at Adair County Elementary School that are connected via multi-mode fiber connection. Plans are to upgrade the multimode fiber connections between MDF and IDF wiring closets to single mode during the 2017-2018 school year.

The core network infrastructure at the District Technology Office was upgraded in early 2015. Additionally, the core switches at Adair County Middle School were upgraded to Avaya 4850 GTS POE+ in early 2015. The Adair County Primary Center was equipped with the Avaya 4850 GTS POE+ switches at the time of its opening in fall 2013.

E-rate funds were approved for the 2015-2016 school year, which allowed us to upgrade all remaining core network switches to be replaced with Avaya 4850 GTS POE+ for a robust, state-of-the-art, and stable backbone. E-rate funds allowed us to upgrade our wireless network to the Avaya 9132 series for dense, robust, and state-of-the-art Wi-Fi coverage throughout the district. Each Avaya 9132 access point will support 240 devices. To ensure that each classroom had adequate Wi-Fi coverage that would allow for multiple devices to connect to Wi-Fi simultaneously, e-rate funds were approved to provide additional cabling drops in classrooms, gyms, cafeterias, etc. to ensure adequate coverage for Wi-Fi devices for now and many years to come. E-rate funds allowed us to purchase upgraded Avaya outdoor wireless access points for each school for outdoor instructional activities. E-rate funds allowed us to upgrade outdated uninterrupted power supplies at Adair County High and Adair County Elementary Schools. (Adair County Primary Center and Adair County Middle School uninterrupted power supplies were already up-to-date.)

Core switches, Wi-Fi, and uninterrupted power supplies were also upgraded in Spring 2016 at the Board of Education, Maintenance Building, Bus Garage, and Migrant Building. The equipment that was installed at the Bus Garage was removed and installed at the Transportation Complex that opened in Summer 2016.

In the summer of 2016, the district's phone system was upgraded to a state-of-the-art Avaya Voice Over IP phone system that allows for 4-digit dialing between all extensions on-campus, districtwide voicemail, caller ID and a shared PRI line for long distance. In addition to this, each building location has maintained stand-alone phone lines for emergencies, fire alarms, fax machines, and the high school elevator.

For the 2016-2017 school year, a Primary Rate Interface (PRI) line will be purchased and installed that will provide 23 channels to be shared among all district entities along with 40 direct inward dial (DID) numbers to be assigned to various offices, administrators, and staff on campus. Up to nineteen standard telephone lines will be purchase to cover necessary fire alarm, elevator, fax, and emergency lines at each location on campus. The entire school district will have 4-digit dialing capabilities between extensions reducing the need to tie up phone lines for in-district calling. The district will have caller ID for all locations and voice mail for all staff.

All phases of the districtwide security camera project have been completed. State-of-the-are IP security cameras have been installed at all locations on campus with server upgrades completed to store camera footage for a minimum of 30 days.

The district utilizes the SchoolMessenger notification system for school announcements, snow days, emergencies, and events. SchoolPointe's web-hosting service provides our website. Operation Safety Blanket's panic button system is used throughout the district to quickly notify staff of emergency notifications. The Mosyle iPad management solution will be used to manage iPads. Google Apps for Education will be used to manage district-owned Chromebooks. Big Web Apps is used for district inventory and help desk ticketing. The cloud-based MUNIS financial management system is used for financial and employee record systems. LightSpeed is used for Internet filtering and reporting. The Raptop system will be used for visitor check-in and student sign-in/sign-out.

The 2016-2017 school year will be the third and final year of our districtwide lease of standardized Xerox copiers. During the 2016-2017 school year, research will be conducted, vendor meetings will occur and proposals will be accepted with KDE approval sought prior to selecting the vendor for the upcoming copier lease that will begin in July 2017.

The current copier lease provides unlimited prints at no additional charge for monochrome copies/prints. Staff is encouraged to print to copiers and only a minimal number of printers remain for student and administrative use throughout each school building. Criteria for the new copier lease must include unlimited prints as this has saved our district thousands of dollars in printing costs.

Condition of Technology

With the commitment to technology by the Board, increased budget availability for technology, over $200,000.00 in e-rate funds received during the 2015-2016 school year, and collaboration with Program Administrators who utilize their funds to support instructional technology initiatives, the condition of technology within the Adair County Schools is better than it has ever been. With over 450 computers available for student use in labs, libraries, and classrooms and 1760 mobile instructional devices (Chromebooks and iPads), we are near a 1:1 student to instructional device ratio. All teachers and administrators are provided with up-to-date computers and/or mobile devices. A wealth of online instructional resources and curriculum that are aligned to content standards are available for instruction. Many online programs are utilized to support the administrative needs of our school district. The core network switches, fiber connections, and Wi-Fi have been upgraded to support instructional technology devices, programs, and connectivity for many years to come. As of July 2016, the district has installed a state-of-the-art voice over IP phone system.

The Adair County School District's KEN network was upgraded to 250 GB in recent years, which provides WAN connectivity for the entire network. There is a 10 GB single mode fiber connection between all schools on campus and the district hub site. Avaya 4850 GTS PWR+ switches are installed in all schools along with the Avaya 9132 Avaya Wi-Fi access points to provide a robust and secure wired and wireless network. New wireless access points (APs) are installed in all classrooms, cafeterias, gyms, and office for seamless coverage. Each Avaya 9132 AP will support 240 devices.

Since 2014, (a) all teachers have been provided with new Dell OptiPlex 9020 All-in-One computers with webcams and Windows 8.1; (b) all student computers in libraries and computer labs have been replaced; and (c) over 1500 Chromebooks and iPads have been purchased for student use.

There is a need to replace computers located in Career and Technical Education Business and Information Technology labs at Adair County High School. CTE and other fund sources will be explored.

Plans are to establish an equipment refresh cycle to be followed.

Accessibility to Technology

The Adair County School District is very close to a 1:1 student to computer ratio when computers, Chromebooks, and iPads are considered. Students are provided access to computers in their classroom, computer lab, and library media center. The majority of student computers at the high school are located in 5 computer labs with only a few student computers in classrooms. The primary, elementary, and middle schools each have one computer lab with the majority of student computers in classrooms. All school libraries are equipped with up-to-date computers. At the primary level, Chromebooks and iPads are divided equally among all classrooms for student use. At the elementary, middle and high school,

carts of Chromebooks and iPads are available for checkout from the library or computer lab and some classrooms and/or departments have access to their own mobile cart. Assistive technology is provided for all special needs students according to needs outlined in Individual Education Plans (IEPs).

The Adair County School District provides equitable access to technology devices and resources for its staff and students. All program administrators collaborate with the DTC/CIO to ensure that the instructional needs of all students are met.

Training

As new technology resources are acquired, the need continues for technology application and integration training. Technology training is provided in a variety of ways, depending on individual teacher needs, as outlined in professional growth plans. One-on-one, small group, large group, webinars, and online professional development opportunities are utilized as needed. Sessions are held after school hours, during the summer months, or are job-embedded in teacher classrooms or during planning periods. Staff members are provided with opportunities to attend professional meetings and conferences, such as the Kentucky Society for Technology in Education conference, as funds are available. School Technology Coordinators and Curriculum Specialists are available within the schools to assist teachers if needed.

Technical staff are trained according to the method that best meets staff needs, but may include attending formalized training outside the district, in-district training sessions, monthly regional technology meetings, conferences, online training, and webinars.

Staff, Maintenance, and Purchase Procedures

District-level support includes the DTC/CIO, Network Administrator, District Technician, and Assistant Technician. In addition to district-level support, each school has assigned a School Technology Coordinator who serves as the first point of contact for technical issues within the school building. Each school has assigned a Student Technology Leadership Program Coordinator who is responsible for working with STLP students on technology projects. In 2016-2017, school webmaster positions were created with the role of maintaining the website, Facebook, and other social media presence of each school.

Technology is maintained in-house with the exception of equipment that is under warranty. Building-level support via the School Technology Coordinator or Student Technology Leadership Program is the first level of support. If the issue cannot be resolved at the school level, a technology work request is submitted to the appropriate district technology staff member. The KETS Help Desk and vendors provides additional technical support to the school district.

An online help-desk ticketing system, SherpaDesk will be utilize to report and track technical issues.

The DTC/CIO approves all technology purchases to ensure that the appropriate technology is purchased for compatibility with our districts network resources; to meet the specific needs of staff and students; to ensure that the KETS contract and/or other appropriate contract is utilized (if no KETS contract is available); and to make sure that all funds are spent wisely. The DTC/CIO places all technology orders to ensure order accuracy and that all items are tracked for inventory purposes.

Curriculum and Instructional Integration Goals

Goal 1

To integrate technology in the classroom to provide enriched learning opportunities through best practices that address curriculum standards for increased student achievement and college and career readiness.

Action Plan: Projects/Activities

Project/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Maximize the use of all available technology resources to meet the instructional needs of students.	Continued effective use of technology resources will provide enriched learning opportunities to address the diverse learning needs of our students for improved student achievement.	-Lesson Plans -Classroom Observations	07/01/2017 06/30/2018	-DTC/CIO -Principals -STCs -Classroom Teachers	No Funds Required
Provide best practices for integration of technology into content areas via written or verbal communications through e-mails, handouts, webinars, one-on-one, small and/or large group training sessions.	Availability of best practices will provide teachers with a repertoire of strategies for the integration of technology that will enrich the teaching/learning experience.	-Lesson Plans -Classroom Observations	07/01/2017 06/30/2018	-DTC/CIO -STCs -Curriculum Resource Teachers	No Funds Required
School Technology Coordinators will continue to assume	Teachers will gain knowledge and confidence needed	-Lesson Plans -Classroom	07/01/2017 06/30/2018	-DTC/CIO -STCs	No Funds Required

a leadership role for technology integration at their school by assisting teachers with technology integration projects and strategies as needs arise and schedules permit.	to successfully incorporate technology in meaningful ways for improved content knowledge and technology literacy of students.	Observations			
Continue to utilize online and/or server-based instructional programs for content mastery and individualized learning opportunities. Programs include, but are not limited to: Odysseyware, Compass Learning, Study Island, CIITS, Acc. Reader, Acc. Math, Microsoft Office 365, Google Apps for Education; IXL Learning, PBS Learning Media, etc.	Student performance on classroom and state assessments will increase as a result of utilizing these research-based instructional programs as measured by test scores.	-Lesson Plans -Classroom Observations -Test Scores	07/01/2017 06/30/2018	-Classroom Teachers	-Title 1 -KETS Many programs available at no charge to district.
Utilize GradeCam, student response systems, and various other technology applications in classrooms for an	Teachers will gain an immediate awareness of student mastery of content that will allow them to reteach concepts as	-Lesson Plans -Classroom Observations	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required (Current technology resources will be utilized.)

immediate measure of student progress toward content mastery.	needed for increased understanding of content and performance on classroom assessments.				
District-approved social media websites will be utilized by teachers in classrooms as appropriate to meet the instructional needs of students for grade level and content area.	The integration of social media in the classroom will provide a collaborative learning environment in which students are familiar. Content will be presented in ways that will motivate students to learn and address diverse learning needs.	-Lesson Plans -Classroom Observations	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required
Bring Your Own Device (BYOD) will be encouraged as a means for increasing instructional possibilities for students as we work towards providing a 1:1 learning environment.	An increased access to instructional devices in the classroom will provide enriched learning opportunities for students for increased student achievement.	-Lesson Plans -Classroom Observations	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required
Students at all schools will be tested online	MAP testing will provide a means for teachers and	-MAP Testing Reports	07/01/2017 06/30/2018	-Academic Dean -Counselors	-General Fund

utilizing MAP (Measure of Academic Progress) testing 3 times per year.	administrators to track progress and target academic needs of individual students for increased student achievement.			-Principals -Teachers	
Adair County High School students will complete End of Course (EOC) assessments online.	Mastery of content will be demonstrated with End of Course (EOC) assessments, as measured by student scores.	-Test Scores -End of Course Reports	07/01/2017 06/30/2018	-Counselors -Classroom Teachers	No Funds Required
Students in grades 6-12 will complete Individual Learning Plans (ILP) online via the careercruising.com website.	The Individual Learning Plans (ILP) will provide students with the opportunity to explore interests and careers necessary for success in school and after graduation.	-ILP Data Reports	07/01/2017 06/30/2018	-Academic Dean -Counselors	No Funds Required
Teachers will increasingly incorporate the flipped classroom model for content delivery.	The flipped classroom model is conducive to individualized instruction and re-teaching concepts with the result of increased student mastery of content and performance on assessments.	-Lesson Plans -Classroom Observations -Test Scores	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required

Chromebooks and iPads will be used for content delivery.	Chromebooks and iPads provide 21st century learning opportunities with a kid-friendly means of content delivery for increased student motivation to learn and achievement in the classroom.	-Lesson Plans -Classroom Observations -Test Scores	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required
Adair County High School students are provided the opportunity to participate in online learning opportunities.	Online learning opportunities provide students with the flexibility to take courses that might not otherwise fit into their schedules or that are not offered at their school and allow them to participate in advanced coursework in preparation for college and career readiness.	-Online Participation Logs -Online Course Assessments	07/01/2017 06/30/2018	-Counselors -Classroom Teachers	No Funds Required
Teachers will be flexible to create personalized learning environments within the school setting by utilizing wireless devices both inside and	The district's Wi-Fi network provides an alternative means for content delivery that provides flexibility in the classroom setting for individualized	-Lesson Plans -Classroom Observations	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required

outside the classroom for more meaningful content delivery.	instruction and increased student motivation and achievement.				
Teachers will conduct assessments in CIITS and analyze data to determine student progress and individual learning needs.	CIITS provides readily available assessment results, which allow teachers to make modifications to instruction making sure to meet each student's instructional needs.	-Lesson Plans -CIITS Logs -Classroom Observations	07/01/2017 06/30/2018	-Counselors -Classroom Teachers	No Funds Required
The KOSSA test will be administered online to determine the proficiency of Career and Technical Education students in their respective career pathway.	The KOSSA test provides indication of student mastery in their chosen career pathway for college and career readiness as measured by KOSSA test scores.	-KOSSA Test Scores	07/01/2017 06/30/2018	-Counselors -CTE Coordinator -CTE Teachers	-CTE Funds

Curriculum and Instructional Integration Goals – Evaluation

Goal: To integrate technology in the classroom to provide enriched learning opportunities through best practices that address curriculum standards for increased student achievement and college and career readiness.

The evaluation process for the Curriculum and Instructional Integration section of the technology plan will enable the district to monitor progress toward our goals and to make mid-course modifications, if necessary to address new opportunities or situations that may arise.

Technology is increasingly integrated into the curriculum as a result of our teachers who are embracing the "flipped classroom" model for instruction and because of the increasing number of instructional devices (computers, iPads, Chromebooks, etc.) that are available for use. Both the flipped classroom model and instructional devices enrich content delivery and motivate students to learn. BYOD is permitted and encouraged.

High school students are permitted to take online courses that are not offered at the high school or for college credit. This allows them to enroll in advanced coursework that promotes college and career readiness. Online course delivery from the Kentucky Virtual High School, colleges and universities, and other entities will be utilized to deliver rigorous and specialized courses for meeting the personalized learning needs for students and to ensure all necessary content is covered and mastered by students.

Content delivery and curricula are aligned to Kentucky's Core Academic and College and Career Readiness standards. Technology tools are used as appropriate to meet these rigorous goals. Technology provides a means of providing for the individualized learning styles, re-teaching concepts until mastered, offering advanced coursework, collaboration with peers and experts in the field, and flexibility in the mode and location of instruction within the school.

The Curriculum and Instructional Goals will be reviewed at least twice a year by the DTC/CIO to determine that the goals set forth in the plan are on target and that any needs that have arisen throughout the implementation of the plan have been addressed. The DTC/CIO and person(s) responsible will discuss progress toward meeting each Strategy/Activity and any changes needed with the technology plan to be adjusted accordingly.

Specific strategies/activities are included for the integration of technology throughout the curriculum in all grade levels and content areas. These are aligned to the district's curriculum that is aligned to Kentucky's Core Academic and College and Career Readiness Standards. Integration of technology should be seamless and fit with the specific content areas for meaningful instruction. All available technology resources will be utilized to meet the diverse learning needs of our students. Aligning advanced technology strategies with Kentucky Core Academic Standards and the goals for College/Career Readiness will result in increased student achievement in the K-12 environment and beyond.

Various indicators will be used for measuring the effectiveness of technology integration into curricula and instruction including:

Classroom Observations are conducted on a regular basis by Principals and Central Office Administrators. These observations reflect content, delivery and technology resources utilized. Administrators provide specific feedback to teachers regarding strengths and areas for improvement.

Lesson Plans are kept by all teachers and include documentation of technology integration and use of technology for each class. Lesson plans are readily available for viewing. Administrators provide feedback to teachers as necessary.

Test Scores (K-PREP) contain criterion-referenced and norm-referenced items including multiple choice and constructed-response items which reflect student achievement, which is directly impacted by the effective integration of technology hardware and software.

MAP (Measure of Academic Progress) Testing Reports reflect student progress toward meeting curricular goals and provide teachers with the data that is necessary to make student-focused, data-driven decisions for improved teaching and learning.

End of Course (EOC) Reports reflect student mastery of content.

ILP (Individual Learning Plan) Data Reports reflect student needs and progress toward meeting ILP goals and show areas that need improvement or completion.

Online Participation Logs provide verification of student enrollment in online courses.

Online Course Assessments provide verification of student mastery of content delivered online.

CIITS Reports and CIITS Logs (**Continuous Instructional Improvement Technology System)** provides aggregate and student-level data that allows teachers and administrators to readily track student progress toward Kentucky's goal of proficiency and college and career readiness for every student.

KOSSA Test Scores measure student progress toward meeting career pathway and college and career readiness goals for students enrolled in Career and Technical Education courses.

Student Technology Literacy Goals

Link to the Kentucky Core Academic Standards:
http://education.ky.gov/curriculum/docs/Pages/Kentucky-Core-Academic-Standards---NEW.aspx

Goal 1

To ensure that every student is technology literate by the end of eighth grade and is competent in the technology skills required for being proficient in Kentucky Core Academic Standards.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Technology will be integrated to enhance the curriculum standards that are outlined in the Kentucky Core Academic Standards.	Students will gain technology literacy skills while increasing their proficiency in Kentucky Core Academic Standards as measured by student assessments.	-Lesson Plans -Classroom Observations -Classroom Assessments -Test Scores	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required
All students will have the district's Acceptable Use Policy explained to them and will receive grade-specific instruction regarding online safety, including social networking	Increased student awareness of acceptable use, digital citizenship, and digital etiquette will encourage appropriate online behavior and will decrease acceptable use policy violations	-Lesson Plans -Signed Acceptable Use Policy Forms -Participation Logs	07/01/2017 06/30/2018	-DTC/CIO -STCs -Classroom Teachers	No Funds Required

and cyberbullying, digital citizenship and digital etiquette <u>prior</u> to <u>activation of their network account</u>.	for increased online safety at school and home.				
Provide technology enrichment activities through STLP (Student Technology Leadership Program) organizations at school.	All students will have the opportunity to participate in STLP for enrichment activities that will allow them to learn specialized technology skills.	-Student Participation Logs -Student Work Samples -Classroom Observations -Lesson Plans	07/01/2017 06/30/2018	-DTC/CIO -STLP Coordinators	No Funds Required
Students in Grades P-8 will go to the computer lab for technology literacy instruction that is aligned to the curriculum.	Students will learn technology skills along with curriculum content that are necessary for proficiency as measured by assessments that allow teachers to reteach concepts that are not mastered.	-Lesson Plans -Classroom Observations -Classroom Assessments	07/01/2017 06/30/2018	-Computer Lab Teachers	No Funds Required
Introduce students to Edmodo, a social media website designed for K-12 instruction with emphasis on the acceptable use of social media in an effort to model the ethical and safe	Student access to social media in the classroom will provide interactive learning opportunities from a classroom, school, or global perspective. Utilizing this	-Lesson Plans -Classroom Observations -Student Work Samples	07/01/2017 06/30/2018	-STCs -Classroom Teachers	No Funds Required

uses of social media for school and beyond.	environment for learning will increase student motivation for learning by providing them with a means of instruction that they are familiar with as they have grown up in the 21st century technological age.				
Encourage students to participate in BYOD (Bring Your Own Device) for increased access to technology resources at school as we work towards our goal of 1:1 student to instructional device ratio.	BYOD allows for individualized instruction to meet the diverse learning needs of our students. Students will gain technology literacy skills along with knowledge of core academic standards as a result of access to their own instructional device.	-Lesson Plans -Classroom Observations -Student Work Samples -Classroom Assessments	07/01/2017 06/30/2018	-Principals -Classroom Teachers	No Funds Required
Continue to provide equitable access to technology resources (computers, iPads, Chromebooks, software and online resources, etc.) for all students to enhance learning	The utilization of technology in the classroom provides students with opportunities to learn at their own pace through remediation or acceleration and to complete classroom	-Lesson Plans -Classroom Observations -Classroom Assessments	07/01/2017 06/30/2018	-DTC/CIO -Principals -STCs -Classroom Teachers	All available funding sources will be sought to address any technology need that arises and to ensure equitable access to technology for all students.

opportunities and increase student technology literacy skills.	assignments for increased performance on student assessments.				
Explore the possibility of adding a technology literacy curriculum with assessment (online or teacher-created) at Adair County Middle School to ensure that all students are technology literate by the time they leave the 8th grade.	Students will leave the 8th grade with the knowledge and confidence needed from mastery of technology literacy skills for increased success in high school and beyond and for college and career readiness.	-Purchase Records -Student Work Samples -Technology Assessments	07/01/2017 06/30/2018	-DTC/CIO -ACMS Principal	All available funding sources will be sought.

Student Technology Literacy Goals – Evaluation

Goal: To ensure that every student is technology literate by the end of eighth grade and is competent in the technology skills required for being proficient in Kentucky Core Academic Standards.

Specific strategies/activities place emphasis on student technology literacy. To the greatest extent possible, technology literacy will be integrated with content delivery with students provided more specialized instruction during their time in the computer lab. A standardized technology curriculum with assessment built in will be explored for all middle school students to ensure that all students are technology literate by the time they leave the 8th grade.

With the addition of a Technology Resource Teacher at Adair County Middle School a few years ago, all students in grades P-8 attend classes in the computer lab where they learn technology literacy skills that are aligned to the curriculum. This instruction is in addition to classroom technology integration.

We strive to not only improve student achievement, but to also help them to reach their fullest potential. In addition to content mastery, it is crucial that our students obtain the 4 Cs of 21st Century Skills for success in life. Technology is a crucial tool that supports the mastery of these skills—critical thinking, communication, collaboration, and creativity. Twenty-first century students must be able to use technology to solve real life problems, communicate effectively, collaborate with others, and to create products. Teachers integrate the 4 Cs into their lesson plans and strive to provide meaningful connections between content and the 4 Cs. Student assessments will reflect their level of mastery of both. Lesson plans, classroom

observations, and student performance on classroom assessments and K-Prep will provide evidence of each student's competence in the 4 Cs of 21st Century Skills.

All available technology resources, including hardware, software and online applications will be utilized to ensure student technology literacy and content mastery. Resources include, but are not limited to: computers, laptops, Chromebooks, iPads, software, and online learning programs and applications. BYOD (Bring Your Own Device) will be encouraged as we strive for 1:1 student to computer ratio.

The DTC/CIO will review the Student Technology Literacy goals and strategies/activities at least twice to determine progress toward meeting them and any modifications that should be made to ensure completion. The DTC/CIO and the person(s) responsible will work together to ensure that all goals and strategies/activities are met.

Various indicators and methods will be utilized for meeting student technology literacy goals including:

Lesson Plans are kept by all teachers and include documentation of technology integration and use of technology for each class. Lesson plans are readily available for viewing. Administrators provide feedback to teachers as necessary.

Classroom Observations are conducted on a regular basis by Principals and Central Office Administrators. These observations reflect content, delivery and technology resources utilized. Administrators provide specific feedback to teachers regarding strengths and areas for improvement.

Classroom Assessments reflect student progress toward mastery of instructional concepts and technology literacy skills allowing teachers to provide remedial or advanced instruction depending upon each student's level of mastery.

Test Scores (K-PREP) contain criterion-referenced and norm-referenced items including multiple choice and constructed-response items that reflect student achievement, which is directly impacted by the effective integration of technology hardware and software.

Signed Acceptable Use Policy Forms are required for students prior to their network account activation. Permissions data from the form are entered into Infinite Campus with the forms kept on file at the school level.

Participation Logs are kept as verification of student participation in Internet Safety instruction and in Student Technology Leadership Program (STLP) activities. All students will be provided with Internet Safety instruction and will have an equal opportunity to participate in STLP activities.

Student Work Samples provide evidence of classroom work and student understanding of content. Work samples show the use of technology for classroom projects in meaningful ways and reflect technology literacy skills.

Purchase Records will verify the investment in a standards-based technology literacy curriculum with assessment for Adair County Middle School students.

Technology Assessments will verify student progress toward meeting technology literacy goals prior to entering high school.

Staff Training/Professional Development Goals

To provide necessary professional development opportunities and disseminate relevant information that will empower teachers to effectively utilize and integrate technology in the classroom.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
District and school technology staff will attend relevant meetings and regional, state, and/or national conferences, such as KySTE, STLP, and ISTE. Relevant information will be shared with other staff within the district.	Increased proficiency in current trends and instructional strategies with technology and the ability to network with peers from other districts in Kentucky and throughout the nation will result in a wealth of new ideas and strategies for meeting the instructional needs of students.	-Certificates of Attendance -Sign-In Sheets -Participation Logs -Handouts -Agendas	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator -District Technician -Assistant Technician -STCs	-General Fund -Title 1 Funds (As Funding Permits from Various Sources)
Conduct technology leadership meetings at least quarterly with district and school technology leaders for the purpose of	Informative meetings and professional development will be provided for school technology leaders to ensure their	-Participation Logs -Agendas -Handouts	07/01/2017 06/30/2018	-DTC/CIO -STCs	No Funds Required

collaboration, professional development and disseminating information that will be shared with school staff, as relevant.	success with the implementation of technology strategies at their school.				
Ongoing professional development activities will be provided for staff in various modes (job-embedded, small group, large group, or online) to address the needs outlined in professional growth plans and/or staff surveys.	Need-based staff participation in quality technology professional development will increase proficiency in technology and result in more effective integration of technology in classrooms throughout the district.	-Professional Growth Plans -Classroom Observations -Lesson Plans -Teacher Evaluations -Participation Logs and Sign-In Sheets	07/01/2017 06/30/2018	-Academic Dean -DTC/CIO	-General Fund -Title 1 Funds (As funding permits from various sources)
Provide resources and training to teachers regarding Acceptable Use, Digital Citizenship, and Social Media to prepare them for instructing their students in these areas.	Teachers will be prepared to instruct students in the areas of Acceptable Use, Digital Citizenship, and Social Media.	-Classroom Observations -Lesson Plans -Participation Logs and Sign-In Sheets	07/01/2017 06/30/2018	-DTC/CIO -STCs	No Funds Required
Provide high-quality online professional development opportunities for teachers as needed.	Online professional development opportunities provide a cost-effective, just-in-	-Certificates of Attendance -Logs from Online System	07/01/2017 06/30/2018	-DTC/CIO -Academic Dean	Minimal Funds Required for the District

	time, needs-based professional development solution for teachers and administrators throughout the district for increased staff proficiency with technology integration.	-Lesson Plans			
Provide the opportunity for staff participation in G-Suite (Chromebooks) and iPads in the Classroom training that is necessary for the successful integration of Chromebooks and iPads in the classroom.	Increased teacher preparedness for the integration of Chromebooks, iPads and other mobile devices in the classroom will result in the utilization of 21st century learning tools for increased student participation and achievement in the classroom.	-Participation Logs -Handouts -Lesson Plans	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator	No Funds Required
Provide training in Microsoft Office 365 suite including Word, PowerPoint, Excel, Access, Outlook, One Note, Skype, and/or Delve as necessary for the successful integration of these	Proficiency with use of the Microsoft Office 365 suite will increase productivity and collaboration for staff and students with a direct impact on student achievement.	-Participation Logs -Handouts -Lesson Plans	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator	No Funds Required

programs throughout the district.					
Disseminate information to staff regarding Bring Your Own Device (BYOD) strategies for increased effectiveness of BYOD in the classroom.	The effective integration of BYOD will result in increased individualized learning opportunities for students, which will have a direct impact on student achievement.	-Participation Logs -Handouts	07/01/2017 06/30/2018	-DTC/CIO -STCs	No Funds Required
Provide training in the utilization of Vbrick for streaming video, video-on-demand, and flipped classroom to maximize usage of this district resource.	The district's Vbrick system will be utilized to its fullest capacity for increased learning opportunities of our students.	-Participation Logs -Handouts	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator	No Funds Required

Staff Training/Professional Development Goals – Evaluation

Goal: To provide necessary professional development opportunities and disseminate relevant information that will empower teachers to effectively utilize and integrate technology in the classroom.

The evaluation process for the "Staff Training/Professional Development" section of the technology plan will enable the district to monitor progress toward our goals and to make mid-course modifications, if necessary to address new opportunities or situations that may arise. The district will offer

professional development for staff as new technology resources become available and new strategies for integration are learned. Our district will strive to provide professional development for staff that is necessary to utilize 21st Century learning tools to meet the individualized instructional needs of our students.

Most teachers are adept with the skills necessary to integrate technology in the classroom with obstacles being time and need for additional professional development. Continued emphasis is placed on technology professional development to keep up with emerging technology tools, resources, and trends in K-12 education. We expect teacher competencies to improve and for their repertoire of technology integration strategies to increase.

Hot topics in which professional development sessions and/or information will be disseminated to staff for the upcoming school year are:

1. Chromebooks in the Classroom (G-Suite)
2. Microsoft Office 365 Suite (Word, Excel, PowerPoint, Access, One Note, Outlook, Lync, Delve, etc.)
3. Acceptable Use, Digital Citizenship, and Social Media

Professional development will be provided by a variety of modes to meet the individualized learning needs of our staff, including small and large group sessions, just-in-time, one-on-one, job-embedded, conferences, professional meetings, and online. Onsite and off-site sessions will be offered. Online sessions will be offered when feasible for anytime, anywhere learning.

There is a strong correlation between curriculum and the utilization of technology, such Chromebooks and iPads. Mobile devices are utilized to reinforce concepts through various apps and programs. These devices are also utilized for assessments. Whether spreadsheets for Science experiments, PowerPoint for interactive book reports and classroom presentations, or Google Apps for collaboration, students are utilizing technology to address their individualized instructional needs and curricular goals.

District technical staff will attend monthly regional meetings to keep abreast of emerging technology tools and tasks that are required of school districts in Kentucky and will attend local, regional, and state-level technical training and conferences, as necessary to remain adept in the skills required to be efficient and effective in their profession.

The following indicators and accountability measures will be used to evaluate the effectiveness in promoting technology integration into instruction, enhancing the ability of teachers to teach and enabling students to meet challenging academic standards:

Certificates of Attendance indicate staff participation in high-quality and relevant professional development events and are submitted to the Central Office as verification of participation.

Participation Logs, Sign-In Sheets and Logs from Online Systems reflect the attendance of staff at all face-to-face professional development events and are sent to the Central Office to indicate staff participation.

Handouts and Agendas verify the content and indicate staff participation in professional development events and are sent to the Central Office as verification of participation.

Professional Growth Plans for teachers outline specific indicators needed for improvement with targeted strategies for teacher improvement. Technology standards that are not met are reflected in teacher professional growth plans.

Classroom Observations are conducted on a regular basis by Principals and Central Office Administrators. These observations reflect teacher growth as a result of participation in professional development events and any areas in need of improvement. Administrators provide specific feedback to teachers regarding strengths and areas for improvement.

Lesson Plans are kept by all teachers and include documentation of technology integration and use of technology for each class. Lesson plans are readily available for viewing. Administrators provide feedback to teachers as necessary.

Teacher Evaluations are conducted by school Administrators and forwarded to the Central Office. Any area of deficiency is discussed with the teacher and a plan of corrective action is created. Appropriate professional development opportunities will be provided for teachers. Progress will be monitored and documented until performance is satisfactory. Teacher evaluations include a technology skills component. The DTC/CIO is available to assist with technology-related corrective action plans.

Technology Goals

Goal 1

To utilize technology in the classroom to provide enriched learning opportunities to meet the curriculum standards for increased student achievement and motivation.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
IPads will be used with content-specific and grade-appropriate apps for content delivery, remediation, and acceleration.	Students will use iPads with content-specific and grade-appropriate apps in the classroom to address their diverse learning needs in the classroom.	-Classroom Observation -Classroom Assessments -Lesson Plans -Test Scores	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required
Google Chromebooks will be utilized as a means for content delivery and to support anytime, anywhere personalized learning.	Students will use Chromebooks that provide personalized, 21st century learning opportunities for them to excel in the classroom.	-Classroom Observation -Classroom Assessments -Lesson Plans -Test Scores	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required
Computers in classrooms and labs will be integrated into instruction to improve technology literacy and to create products that demonstrate	Students will use computers for research and create products that demonstrate comprehension of content and technology literacy.	-Classroom Observation -Classroom Assessments -Lesson Plans -Test Scores	07/01/2017 06/30/2018	-Classroom Teachers -Computer Lab Teachers	No Funds Required

mastery of content.					
Interactive projectors and whiteboards will be used to provide interactive learning opportunities.	Students will use interactive projectors or whiteboards to demonstrate their comprehension of content, which provides immediate feedback to the teacher and motivates students to learn for increased student achievement.	-Classroom Observations -Classroom Assessments -Lesson Plans -Test Scores	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required
Wireless access throughout each school in the district allows for personalized learning environments outside the traditional classroom setting.	Wireless access provides instructional flexibility for teachers and students for expansion of the learning environment and more meaningful content delivery as measured by student engagement and performance.	-Classroom Observations -Lesson Plans -Classroom Assessments	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required
Online instructional resources will be used to teach new concepts and reinforce content for increased student	Students will use standards-based online resources to meet personalized learning needs for content mastery, including	-Classroom Observations -Lesson Plans -Online Participation Logs	07/01/2017 06/30/2018	-Classroom Teachers -Library Media Specialists -Curriculum Resource Teachers	No Funds Required

performance on classroom and state assessments. (Study Island, CIITS, Odysseyware, Thinkfinity, IXL, PBS Learning Media, Compass Learning, etc.)	reinforcement, remediation, and acceleration as measured by student test scores and classroom assessments.	-Classroom Assessments -Test Scores			
Students will use the Microsoft Office 365 (Word, PowerPoint, Excel, Access) or the most current version of the Microsoft Suite to create products or projects that demonstrate technology literacy skills and content mastery.	Students will become proficient with using Microsoft Office 365, which will help them to meet instructional and technology literacy goals for college and career readiness.	-Classroom Observations -Classroom Assessments -Lesson Plans	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required
Microsoft Skype for Business will be utilized for desktop videoconferencing, team-teaching, shared instructional activities, guest speakers, and for collaboration to create a 21st century learning environment for students.	Students will gain access to experts in the field and collaborate with other students within their school and beyond for enriched learning opportunities to meet instructional goals.	-Classroom Observations -Lesson Plans	07/01/2017 06/30/2018	-Classroom Teachers -STCs	No Funds Required
BYOD (Bring Your	BYOD, in	-Classroom	07/01/2017	-Principals	No Funds Required

Own Device) will be encouraged as the district works toward a 1:1 student to computer ratio for enriched learning opportunities to meet the individualized learning needs of our students.	combination with the use of district-owned devices will ensure equitable access for all students to utilize technology in classrooms to meet instructional goals and for increased performance on classroom assessments and state test scores.	Observations -Lesson Plans -Classroom Assessments -Test Scores	06/30/2018	-Classroom Teachers	
The legality and instructional impact of Skype for Business will be explored for homebound students allowing them to connect with their classroom in real time for increased participation and comprehension.	Homebound students will use Skype to connect with classrooms to participate in real-time classroom activities and to keep them working at the same pace as their classmates for increased knowledge of content.	-Classroom Observations -Lesson Plans -Classroom Assessments	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator -Homebound Teachers	No Funds Required
Mobile wireless access points will provide homebound and other teachers with the flexibility to have a mobile online classrooms from virtually anywhere.	Mobile access points for homebound and other teachers will provide the flexibility of anytime, anywhere access to the Internet and cloud-based instructional	-Lesson Plans	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator -Homebound Teachers -Classroom Teachers	No Funds Required

	content delivery to meet the individualized learning needs of our students.				
School bus wireless access points will be used by students to complete school work while on the school bus for increased instructional time and understanding of content.	Wi-Fi on targeted school busses will extend the students instructional day by allowing them more time to complete assignments for increased preparedness in the classroom.	-Proxy Logs -Classroom Assessments	07/01/2017 06/30/2018	-DTC/CIO -Transportation Director -Network Administrator	No Funds Required
Encourage students to utilize the community Wi-Fi access at the Jim Blair Center for increased opportunities for online learning after school hours.	Notification of the availability of community Wi-Fi will increase the probability that this service will be utilized to meet the instructional needs of our students.	-Lesson Plans	07/01/2017 06/30/2018	-Classroom Teachers	No Funds Required

Goal 2

To provide adequate and equitable telecommunications, technology resources, and staff with the intent of (a) supporting instructional and administrative needs; (b) strengthening communications between home, school, and the community; and (c) increasing student preparedness and participation for success in the school setting.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
To continue to replace, upgrade, or discard devices (computers, laptops, Chromebooks and/or iPads) not meeting minimum KETS standards and purchase additional devices as we work toward 1:1 student to device ratio.	Availability of up-to-date instructional devices will allow for enriched learning opportunities for increased student achievement through the use of technology.	-Inventory Records -Purchase Orders -Classroom Observations	07/01/2017 06/30/2018	-DTC/CIO	-KETS -Title 1 -CTE
To provide all schools with equitable access to telecommunications (local and long distance), Internet/network access (fiber) and instructional technology through participation in the E-rate program, federal, state, and local technology fund sources.	Telecommunications, Internet/network access, and instructional technology will be utilized in classrooms/schools as tools for improved communications, instructional opportunities, and student achievement.	-Phone Bills for Telecommunications -E-rate Documentation -Purchase Orders	07/01/2017 06/30/2018	-DTC/CIO -Classroom Teachers	-General Fund -E-rate Funds -KETS -Title 1 -CTE

To continue to utilize a notification system to send important school announcements to parents, staff, and students for emergencies, attendance, school events, school cancellations, etc.	Utilization of a notification system will strengthen communications between home and school for increased student preparedness and participation for success in the school setting.	-Notification System Logs -Attendance Reports -Participation Logs	07/01/2017 06/30/2018	-Superintendent -DTC/CIO -Principals	-General Fund
To continue to utilize SchoolPointe web-hosted website solution for the district and schools for a user-friendly, uniform and informative Internet presence that will provide relevant and up-to-date information to our staff, students, parents, and the community for increased awareness and preparedness for instructional success and participation in school events.	District, school, and classroom websites provide staff, students, parents, and the community with an increased awareness and involvement with the instructional process and school activities.	-Purchase Records -School and District Website Review -Participation Logs of School Events	07/01/2017 06/30/2018	-DTC/CIO -Administrators -Department Heads -Principals -STCs -Classroom Teachers	-General Fund
Teachers will maintain up-to-date online classrooms, including learning	The teacher online classroom/website will provide students and parents with	-Review of Online Classrooms/Websites	07/01/2017 06/30/2018	-DTC/CIO -Principals -Classroom	No Funds Required

targets for increased communications with parents and students regarding classroom expectations, events, assignments, and resources necessary for student success at school.	resources and relevant information needed for increased student achievement.			Teachers	
The Board will match all KETS Offers of Assistance as received during the 2017-2018 school year for the purchase of needed technology resources, including technology devices, software subscriptions and/or network components.	Additional technology resources and upgraded equipment will be available for enhanced instructional activities and increased student technology proficiency.	-Budget -Purchase Records -Inventory Records -Classroom Observations -Lesson Plans -Classroom Assessments	07/01/2017 06/30/2018	-Superintendent -School Board -DTC/CIO	-Escrowed KETS Funds ($50,000.00) -General Fund ($50,000.00) Note: Amount estimated based upon 2016-2017 KETS Offer of Assistance.
Continue to use Follett's Destiny Online library management system to provide students, parents, and staff with access to a 21st century library environment.	Follett's Destiny Online library management system will provide students with a 21st century online learning environment that is aligned to core academic standards for increased student literacy and	-Purchase Records -Lesson Plans -Classroom Observations -Classroom Assessments -Test Scores	07/01/2017 06/30/2018	-DTC/CIO -Principals -Library Media Specialists	-Title 1 -General Fund

	achievement as measured by test scores.				
Parents of students in grades 6-12 will be notified of their child's Individual Learning Plan (ILP) with instructions to login to view their child's progress.	Empowering parents with knowledge of their child's progress will strengthen the home-school connection and increase the level of parental support for student success at school.	-Parent Notification Letter	07/01/2017 06/30/2018	-Counselors	No Funds Required
Install single mode fiber connection between MDF and two IDFs at Adair County Elementary School for increased network performance.	Single mode fiber connectivity will ensure optimal network speeds and reliability within Adair County Elementary School for enriched learning opportunities.	-Purchase Records -Network Performance Logs	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator	-General Fund
Install single mode fiber connection between MDF and IDF in Ag Building at Adair County High School for increased network performance.	Single mode fiber connectivity will ensure optimal network speeds and reliability within Adair County Elementary School for enriched learning opportunities.	-Purchase Records -Network Performance Logs	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator	-General Fund
Continue at minimum the current level of district technology support staff	Ample technology support staff will ensure equitable access to operable technology	-Technology Work Orders -Classroom Observations	07/01/2017 06/30/2018	-DTC/CIO -Board Members	-General Fund

(DTC/CIO, Network Administrator, Technician, Assistant Technician, Co-op Student.)	necessary to complete administrative and instructional tasks for increased productivity and performance in the classroom.				
Utilize VBrick video distribution system for enhanced learning opportunities throughout the district.	Access to a digital video-on-demand library, content-specific and grade appropriate playlists, distance learning, webcasts of classroom and sports events, mobile broadcasting, live on-demand video, rich media presentations, video-conferencing, and educational TV will provide enriched learning opportunities for meeting the diverse learning needs of all students for increased performance on student assessments.	-VBrick Logs -Lesson Plans -Classroom Observations -Classroom Assessments -Test Scores	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator -STCs -Principals -Classroom Teachers	-General Fund
Convert school media (VHS tapes, DVDs, etc.) to digital format and	A streamlined, centralized approach to district-owned videos will allow for	-VBrick Logs -Lesson Plans	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator	No Funds Required

upload to VBrick video distribution system for anytime, anywhere access to these instructional resources.	the seamless integration of videos in the classroom for increased instructional time.			-Library Media Specialists	
Explore the feasibility of server virtualization to streamline network servers and save on maintenance and electricity costs for a server infrastructure that will meet the 21st century learning needs of our students.	Virtualization of servers will result in energy and equipment cost-savings for a more efficient approach to server management.	-Purchase Records -Data Analysis	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator	-KETS
Utilize a staff, student, and visitor check-in/check-out system for increased safety and security of our students and staff.	A check-in/check-out system will create a safe learning environment that is conducive for teaching and learning.	-Purchase Records -System Logs	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator	-General Fund
Continue district-level subscription to Microsoft suite for increased access to Microsoft Office 365 suite with program updates and home access for staff and students.	Access to Microsoft Office 365 updates and home access will ensure that staff and students have anytime, anywhere access to the latest version of programs included in the suite for increased	-Purchase Records -Microsoft Contract	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator	-KETS

	productivity to meet instructional goals.				
Continue to subscribe to all necessary cloud-based online, standards-based instructional programs.	Online resources will provide a necessary mode of instructional delivery to meet the individualized learning needs of our students through the introduction of concepts, remediation, and acceleration to improve student success in meeting core academic goals as reflected on classroom and state-level assessment scores.	-Purchase Records -License Agreements -Lesson Plans -Classroom Observations -Classroom Assessments -Test Scores	07/01/2017 06/30/2018	-DTC/CIO -Title 1 Director -Academic Dean -Principals	-General Fund -Title 1
Purchase additional mobile devices (iPads and/or Chromebooks) for instructional use, as needed, to provide enriched 21st century learning opportunities for our students.	An increased number of mobile devices that are available for student use in the classroom will enhance instruction, increase the level of content mastery, and aid in preparation for college and career readiness.	-Purchase Records -Classroom Observations -Lesson Plans -Classroom Assessments	07/01/2017 06/30/2018	-DTC/CIO	-KETS -Title 1
Purchase an adequate data plan for bus Wi-Fi,	An adequate data plan will ensure use of bus Wi-Fi,	-Purchase Records -Utility Bills	07/01/2017 06/30/2018	-DTC/CIO	-General Fund

community Wi-Fi, and mobile access points.	community Wi-Fi and mobile access points for uninterrupted access to Internet and network resources for meeting the diverse learning needs of our students.				
Operation Security Blanket or similar system will be utilized as a safety measure to notify all staff of an intruder or other school emergency.	A safe and secure school environment is necessary for success in school.	-Purchase Records	07/01/2017 06/30/2018	-DTC/CIO -Academic Dean -Network Administrator	-General Fund
Present to the school board and disseminate to all staff the district's procedures for addressing data security breaches in accordance with House Bill 5.	The school district will be prepared to address data security breaches to minimize the negative impact of them.	-Agenda -Sign-In Sheets	07/01/2017 06/30/2018	-DTC/CIO -Academic Dean -Network Administrator	No Funds Required
Allocate funds for technology needs, maintenance, repairs, and equipment replacement as needed throughout the school year.	The technology budget will ensure funding is available to purchase necessary items to maintain operable equipment.	-Purchase Records	07/01/2017 06/30/2018	-DTC/CIO	-General Fund -KETS
The Mosyle iPad	An iPad	-Purchase Records	07/01/2017	-DTC/CIO	-No Funds

management program will be used for installation of apps, device management, and tracking.	management program will result in increased and more efficient use of iPads in the classroom to meet the diverse learning needs of our students.	-System Logs	06/30/2018	-Network Administrator	Required
Continue to utilize Big Web Apps/SherpaDesk, a districtwide technology inventory and help desk ticketing system.	An accurate record of availability and location of inventory and of help desk ticket (technology repair) requests will ensure that all staff and students have equitable access to operable equipment.	-Purchase Records -Inventory Reports -Help Desk Ticket Reports	07/01/2017 06/30/2018	-DTC/CIO	-General Fund
Continue subscription for MUNIS cloud-based financial management system.	A robust and secure cloud-based financial management system will ensure employee and payroll data are readily available, backed up and secure.	-Purchase Records -MUNIS Records	07/01/2017 06/30/2018	-DTC/CIO .-Finance Director	-General Fund
Enter into a new multi-year, districtwide, and standardized copier contract to begin on July 1, 2017.	A standardized, districtwide copier lease will result in cost-savings and a standardized, streamlined and equitable approach to copier availability throughout the	-Copier Contract -Lease Agreement	07/01/2017 06/30/2018	-DTC/CIO -Superintendent -Board Members	-General Fund

	school district.				
Explore the feasibility of purchasing a sub finder program for teacher use.	An automated sub-finder system will provide a streamlined, timesaving, and efficient means of scheduling substitute teachers to ensure all classes are covered.	-Purchase Records -Sub-Finder Reports	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator	-General Funds
Explore the feasibility of purchasing a Learning Management System designed for K-12 for an optimal and standardized system for the equitable communication and dissemination of instruction to all students.	The Learning Management System will provide seamless access to content and flexible content delivery to provide just-in-time, anytime, anywhere learning opportunities for all students for increased mastery of content.	-Purchase Records -LMS Reports	07/01/2017 06/30/2018	-DTC/CIO -Title 1 Director -Academic Dean	-Title 1 Funds
Establish a device replacement schedule for student and teacher instructional devices so that computers are replaced according to a set refresh cycle.	A device replacement schedule will ensure that equipment is updated for increased access to up-to-date and operable technology throughout the district.	-Device Replacement Schedule	07/01/2017 06/30/2018	-DTC/CIO	No Funds Required

Goal 3

Disseminate information and provide training for all students, staff, and parents regarding Acceptable Use of Network Resources, including Social Networking and Cyberbullying to meet the Children's Internet Protection Act (CIPA) requirements and maintain CIPA Compliance to keep our students and staff safe in an online learning environment.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Continue to utilize a standardized, grade-specific Internet Safety curriculum that addresses Acceptable Use, Social Media, and Cyberbullying that will be taught to all students prior to their network account activation.	A standardized, grade-specific Internet Safety curriculum will ensure that all students receive equitable instruction that is appropriate to their grade level for their increased awareness and safety while online.	-Curriculum Resources -Documentation Sheets -Lesson Plans -Classroom Observations -Participation Logs	07/01/2017 06/30/2018	-DTC/CIO -STCs -Classroom Teachers	No Funds Required
Conduct a public hearing/training for parents regarding the district's policy and instruction related to Internet Safety.	Increased parental awareness of Internet safety issues and the school district's policies that address this will help ensure that students are kept safe while online at home and school.	-Sign-In Sheet -Agenda	07/01/2017 06/30/2018	-DTC/CIO -STCs -FRC Coordinators	No Funds Required
Provide training opportunities and instructional resources to	Teachers will be provided with the knowledge and resources necessary	-Sign-In Sheets -Agenda -Curriculum	07/01/2017 06/30/2018	-DTC/CIO	No Funds Required

teachers who will be responsible for providing student instruction for classroom safety.	to effectively present Internet safety curriculum to their students.	Resources			
Continue to utilize a proxy server to block inappropriate websites and to monitor Internet activity for safe Internet use. All instances of inappropriate activity that are found will be reported to the school administrator for students and employee's immediate supervisor to be addressed according to the District's Acceptable Use Policy.	Due diligence with monitoring Internet activity and blocking inappropriate websites will ensure that our staff and students have the safest environment possible for utilizing the Internet at school.	-Proxy Logs -Acceptable Use Policy Violation Logs	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator	No Funds Required
In collaboration with school PTA organizations, Title 1 parent involvement, Family Resource/Youth Services Centers, and the School Resource Officer, the district	An increased awareness for parents and community members of social media and Internet Safety will allow them to provide additional and needed guidance to	-Sign In Sheet -Agenda	07/01/2017 06/30/2018	-DTC/CIO -Network Administrator -PTA Presidents -Title 1 Parent Liaisons -FRC/YSC Coordinators	No Funds Required

technology department will plan and host a series of social media awareness and Internet safety sessions for parents and community members.	our students for their increased safety in online environments 24/7.			-School Resource Officer	

Technology Goals – Evaluation

An up-to-date, technology-rich educational environment is crucial for the success of our students in the classroom and is needed to prepare them with the 21st century skills necessary for college and career readiness. All technology purchases must meet the Kentucky Education Technology Systems (KETS) standards (if there is a KETS standard in place). The most up-to-date, state-of-the-art equipment will be purchased for longevity. Technology equipment that is needed to maintain and/or enhance our current instructional environment will be purchased. Bring Your Own Device (BYOD) will be encouraged.

The evaluation process for the Technology Goals section of the district technology plan will enable the district to monitor progress toward our goals and to make mid-course modifications as new opportunities or situations arise.

Goal 1: To utilize technology in the classroom to provide enriched learning opportunities to meet curriculum standards for increased student achievement and motivation.

Goal 2: To provide adequate and equitable telecommunications, technology resources, and staff with the intent of (a) supporting instructional and administrative needs; (b) strengthening communications between home, school, and the community; and (c) increasing student preparedness and participation for success in the school setting.

Goal 3: Disseminate information and provide training for all students, staff, and parents regarding Acceptable Use of Network Resources, including Social Networking and Cyberbullying to meet the Children's Internet Protection Act (CIPA) requirements and maintain CIPA Compliance to keep our students and staff safe in an online learning environment.

Specific indicators for meeting these goals include:

Classroom Observations are conducted on a regular basis by Principals and Central Office Administrators, including the Superintendent, Instructional Supervisor, and/or Technology Director. These observations reflect student engagement and teacher progress toward meeting instructional goals.

Classroom Assessments provide verification of student progress toward meeting Kentucky Core Academic Standards and technology literacy goals.

Lesson Plans are kept by all teachers and include documentation of technology integration and use of technology for each class. Lesson plans are readily available for viewing.

Test Scores (K-PREP) contain criterion-referenced and norm-referenced items including multiple choice and constructed-response items, which reflect student achievement, which is directly impacted by the effective integration of technology hardware and software.

Proxy Logs will be monitored by District Technology Staff with all inappropriate activity reported to the school administrator for students and the immediate supervisor for employees. Inappropriate websites found will be blocked.

Acceptable Use Policy Violation Logs will verify inappropriate usage and consequences of AUP violations.

Parent Notification Letters will be kept on file that provides verification of notice to parents concerning availability of district resources for students.

Inventory Records and Reports provide record of district technology resources that are available for use at each school and district office.

Purchase Orders and Records provide verification of all technology purchases made for each school and district office.

Phone Bills will be used as verification of local and long distance expense and to determine cost savings as a result of the implementation of VOIP phone systems throughout the district.

E-rate Documentation provides verification of the approval of e-rate funding requests that are required for the purchase of e-rate eligible equipment.

Notification System Logs will be analyzed to verify specific calls made, receipt of calls, and other pertinent data necessary to ensure notifications are received for increased parent and student participation for success at school. The DTC/CIO, Superintendent, Network Administrator and/or the Dean of Students will be responsible for monitoring these logs.

Attendance Reports will be reviewed by the Dean of Students and school staff with any issues addressed with the parent. Attendance at school is crucial to student success at school.

Participation Logs (Online and Paper) reflect student participation and progress toward meeting curricular goals, including Internet safety instruction.

School and District Website and Online Classroom Review will be completed at least monthly to make sure that each district/school/classroom webpage is kept up-to-date with relevant information. The DTC/CIO is responsible for overseeing the entire website. Department heads are responsible for their department's website. School Principals or their designee are responsible for overseeing each school's website. Classroom teachers are responsible for maintaining their online classroom websites. Those with webpages found to be out-of-date or inappropriate will be notified and expected to update their webpage.

Budget is kept on file at the Finance Office and District Technology Office and will show that KETS Offers of Assistance have been matched. The Finance Director and DTC/CIO share responsibility for maintaining this budget and for following all procurement guidelines.

Network Performance Logs reflect network speed, performance and reliability.

Technology Work Orders will provide evidence that adequate technical and instructional technology support staff are provided that is necessary for the seamless integration of technology into the curriculum.

Vbrick Logs will reflect usage of the Vbrick video-on-demand system showing the user, time spent, and content watched.

Data Analysis will be conducted prior to investing in server virtualization to ensure that it is feasible for our district to go forth with this project.

Check-In/Check-Out System Logs are kept on file to and reviewed as necessary to determine who visited each school/district location and to address safety issues.

Microsoft Contract will provide verification of the Microsoft Office 365 suite of programs that are available for staff and students use at school and home.

License Agreements will provide verification of the specific terms of each online program that is purchased for school and district use.

Utility Bills will provide verification of usage of the mobile Wi-Fi and bus Wi-Fi access points.

System Logs provide evidence of iPad usage in the classroom.

Help Desk Ticket Reports will verify technical requests and track timeliness of repairs.

MUNIS Records provide verification of all financial data for the district.

Copier Contract and Lease Agreement will provide evidence of its terms, cost savings, and of standardization of copiers throughout the district.

Sub-Finder Program Reports will verify usage and substitute teacher records for the district.

Learning Management System (LMS) Reports will verify usage and student progress toward meeting their instructional goals.

Curriculum Resources will provide verification of each school's curriculum including evidence of the Internet Safety curriculum that will be taught to all students.

Documentation Sheets will be kept by the teacher and submitted to the DTC/CIO to verify that Internet Safety instruction was provided to all students.

Sign-In Sheets will provide evidence of parent participation in the Internet Safety public hearing/training, board notifications, and of teacher participation in professional development events.

Agendas verify the content presented to teachers, parents, and the Board and will indicate teacher participation in training activities.

Acceptable Use Policy Violation Logs are kept on file at the District Technology Office for all district employees, school staff, and student incidences of inappropriate use of network resources (Internet, e-mail, computers, instructional devices, etc.) and at the school-level for all student-related incidences.

Device Replacement Schedule will reflect an equitable replacement of staff and student devices.

Budget Summary

Acquired Technologies and Professional Development	E-Rate	KETS	Title 1	CTE	General Fund	If Funds Available
Technology Conference/Professional Meetings			5,000.00		2,000.00	
Technology Professional Development			3,000.00	1,500.00	2,000.00	
Telecommunications (Voice-Local and Long Distance)	5160.00				26820.00	
Notification System					4,700.00	
Web-Hosting Service					5,500.00	
KETS Match					50,000.00	
Technology Staff					160,000.00	
Video Distribution System (Vbrick)					5,000.00	
Visitor Check-In System					5,000.00	
Mobile Wi-Fi Data Plan (Busses, Wi-Fi Hotspots)					3,000.00	
Emergency Panic Button System					3,000.00	
Technology Maintenance, Repairs, and Upgrades					20,000.00	
iPad Management Program					3,150.00	
Inventory Management Program					2,300.00	
Financial Management (MUNIS)					7,700.00	
Phase 2 of Security Camera System					20,000.00	
Instructional Devices		50,000.00	45,000.00	17,500.00		

Server Virtualization (if feasible and KETS Funding available)		16,500.00				
Microsoft Subscription		13,500.00				
Technology Equipment (Reserved for Unexpected Needs)		20,000.00				
Online Instructional Programs			15,800.00			
MAP Testing					30,000.00	
Library Management			7,400.00			
KOSSA Test				1,000.00		
Districtwide Copier Lease					75,000.00	
Proposed Budget Items Pending Availability of Funds From Any Fund Source						
Substitute Finder Program						4,000.00
Single Mode Fiber (MDF-IDFs at Adair Co. Elementary School)						4,000.00
Single Mode Fiber (MDF-IDF/AG at Adair Co. High School)						2,000.00
Learning Management System						15,000.00
Technology Literacy Curriculum with Assessment for ACMS						5,000.00
TOTAL	$5,160.00	$100,000.00	$76,200.00	$20,000.00	$425,170.00	30,000.00

Budget Summary – Narrative

The technology budget is the key to the implementation of the technology plan. The cost of technology is an ongoing expense as old technology becomes obsolete and new technologies emerge. New technologies are sought and utilized to meet the diverse instructional needs of our students for the delivery of content and for the administrative needs of our staff. The use of technology to solve real-world problems and to gain technology literacy skills is required in the 21st Century learning environment. Technology is a crucial tool for preparing our students for College and Career Readiness. For these reasons, funding for technology will continue to be sought as we strive to meet the learning needs of our students.

The DTC/CIO collaborates with program administrators to utilize a variety of funding sources to meet the technology needs of our school district.

The DTC/CIO approves all school and district technology purchases. This ensures that only KETS standard equipment that is compatible with our network is purchased and that all technology funds are spent wisely. The DTC/CIO places all technology orders for the entire district for a streamlined ordering process and for tracking purchases for the accuracy of inventory records.

The technology plan serves as the guide for all district technology purchases. The plan will be reviewed and modified as strategies are met and new strategies are needed.

A KETS match based on the 2016-2017 KETS Offers of Assistance is included in this budget in the amount of $50,000.00 for the 2017-2018 school year.

The budget reflects a variety of technology needs throughout the district including instructional devices and other technology equipment, online instructional programs, Microsoft subscription, MAP Testing, library management program, KOSSA testing, and server virtualization to meet the instructional needs of our students.

Technology staff is required to plan for, administer, and support the technology initiative throughout the district. The budget reflects the combined salaries of the DTC/CIO, Network Administrator, District Technician, and District Assistant Technician.

As reflected in the budget, district and school technology staff will attend technology conferences and professional meetings. Ongoing professional development activities will be planned throughout the school year to meet the needs of school district staff.

The administrative technology needs that are required to support instruction and the daily operations of our school district that are included in this budget are: telecommunications (local and long distance voice service), a notification system, web-hosting service, visitor check-in system, video distribution system, mobile Wi-Fi data plan, emergency panic button system, iPad management program, inventory management program, and financial management program (MUNIS).

The district participates in the E-rate program. Because the district applied for and received all necessary equipment to upgrade core switches, Wi-Fi, Ethernet cabling for Wi-Fi, uninterrupted power supplies, and single mode fiber installation throughout the district during the 2015-2016 school year, the school district will only apply for telecommunications (local and long distance voice) for the 2017-2018 school year.

Also included are proposed budget items that are pending the availability of funds from any available fund source. These include: (a) Substitute Finder Program to provide teachers with a more efficient and effective means to schedule substitute teachers; (b) single mode fiber within Adair County Elementary School between the MDF and IDF closets; (c) single mode fiber within Adair County High School between the MDF and the IDF/AG; (d) a learning management system for digital content delivery; and (e) Technology Literacy Curriculum with Assessment for Adair Co. Middle School students. The additional

cost to cover each of the initiatives that are listed as pending the availability of funding is. All funding sources will be considered.

All strategies and activities that are included in this plan are contingent upon the availability of funding for them. All KETS strategies/activities require the Board to match a minimum of $50,000.00 of KETS funds.

The 2017-18 school year will be the first year of a new districtwide multi-year copier lease. Appropriate measures will be taken to seek KDE approval prior to entering into a new copier lease.

Attachments/Appendices (Optional)

There are no attachments or appendices for this technology plan.