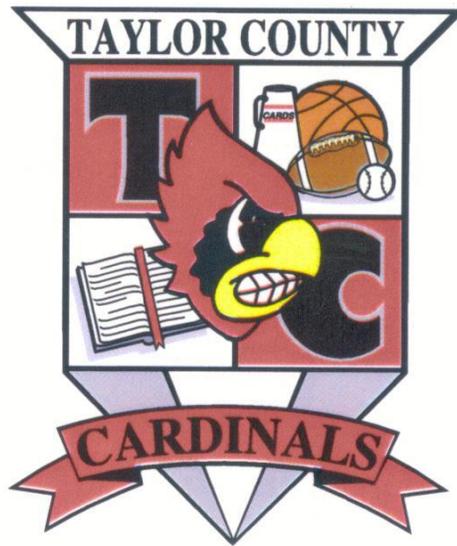


Technology Plan
Taylor County School District
Campbellsville, KY



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

Acknowledgments

District Technology Staff

Bryan Cook – District Technology Director
Allen Gumm – LAN Technician
David Tinnell – Technician
Austin Burress - Technician
Nathan Pendleton - Technician

School Technology Coordinators

See TIS/TRT listings below

Building Principals

Melissa Long – TCPC
Donna Williams – TCES
Danita Johnson – TCMS
Laura Benningfield - TCHS

Technology Integration Specialist

Sarah Hayes

Additional District Contributors

Roger Cook – Superintendent
Charles Higdon – Asst. Superintendent
Dianne Harris – Coordinator for PD, DAC, TI,
TIV, PGES, ESS
Scott Parks, ECE Director
Tim Wood – TCMS Teacher

Students

Responses from student surveys
Student technicians/STLP Students

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Executive Summary

The District Technology Coordinator supports the instructional technology initiatives with input from the school and district administrators to improve student achievement. The technology staff, administrators, and teachers work cooperatively to accomplish the district mission to “provide an equal opportunity for all children to reach their maximum potential in a personalized learning environment.”

The TCSD is currently comprised of: Taylor County Primary Center (P-2), Taylor County Intermediate School (3-5), Taylor County Middle School (6-8), Taylor County High School (9-12) and three administrative buildings.

The district is in the process of replacing aging network switches and wireless access points. The district is utilizing USF funding to perform the upgrades in the instructional facilities. The district intends to complete the upgrade with the anticipated funding from the 2017 funding year.

The district will continue to expand the use of Google Classroom and Google Apps for Education.

Continuing Professional Development is critical to the successful implementation of technology into the curriculum. Administrators and teachers will continually receive training on various technologies to help improve student learning and achievement. Taylor County School District includes web-based training resources where applicable to accommodate “anytime” learning. The district will include additional PD during the Early Release Fridays (ERFs) with subjects identified by school and district personnel.

The district is working toward a 1:1 environment with every student having access to a computing device with access to in-house and web-based educational resources. Our goal is for all of our students to be technology literate and able to function in a world class environment.

The District Technology Coordinator serves in an administrative capacity as well as providing technical support. Members of the technology staff meet monthly to discuss upcoming projects and exchange ideas about various issues they are facing. The technology team works with the Superintendent, Assistant Superintendent, Principals, Assessment Coordinator and Technology Integration Specialist to ensure the district’s technical needs are met.

One of the goals of the district is to fully implement a solution to manage apps, programs and updates for all district-owned devices. The district will be using a combination of software packages/apps including SCCM, PDQ, Meraki and an MDM solution yet to be determined to manage the district’s devices. Efficient management of instructional devices is a top priority for the technology staff.

One of the challenges faced by the district is the issue caused by aging iPads. Some of the district’s older devices are no longer capable of being updated and will not run the newer apps. These devices will be reallocated based on the classroom needs and the

devices abilities. The district has been replacing these aging devices with ChromeBooks and will continue to do so in the 2017-2018 school year.

One of the main challenges will be the funding needed to refresh student and teacher devices. Depending on decisions to be made by Apple, this may be the final year of full usability by the majority of the iPads owned by the district. The district will be in the final year of a 4-year lease for laptops at the high school while the district will be in year 3 of a 4-year lease for laptops at the middle school.

TCSD is currently evaluating an online keyboarding application to introduce into the classroom for the primary grades. Keyboarding instruction will be necessary as we move forward with plans to teach coding/programming in our curriculum. The district is also researching online curriculum for instruction of productivity software such as Word, Excel and PowerPoint for the primary and intermediate grade levels. An increased knowledge of the use of these programs will increase their effective use in classroom projects.

We will continue to utilize the [Kentucky Imagine Academy](#) for advanced Microsoft Office instruction and certification.

The TCSD expects teachers to utilize technology in their daily instruction. Several of our teachers now utilize “flipped” classrooms using the classroom technology to make this possible. Teachers have been very innovative in their use of technology. The district has hosted several site visits by other districts from around the country to demonstrate our instructional methods. Classroom technology is a key component of allowing our students to “advance” to the proper grade level based on their MAP test scores and other selection criteria. Classroom technology is also a key component in our academic intervention programs.

The district utilizes social media, the School Messenger call notification system and our web site to share information with parents and community members. TCSD is working with School Pointe to develop a district app which will also be used by the schools.

Email addresses for administrators and teachers are also available on the district/school web pages.

The district supports a BYOD initiative allowing students and faculty/staff to use personal devices on our wireless network.

In 2017-2018, the district will strongly promote the STLP program in the schools. TCSD students currently for a variety of technology-related tasks but will strive to incorporate those activities into the state-sanctioned STLP program as well as explore additional opportunities afforded by STLP involvement.

The district also plans to implement coding/programming into the curriculum in the 2017-2018 school year, beginning at the lower grade levels and continuing through high school.

Planning Process and Methodology

Representatives from the different school district programs, administrators, teachers, students and local businesses provided input to the District Technology Coordinator to plan the following school year's technology initiatives.

The DTC is part of the District Administrative Team, which meets to discuss administrative issues in the district. The DTC works with the administration to coordinate training and purchasing of new equipment and resources. Needs assessment from the meetings and anonymous survey results are used to evaluate technology.

The plan is evaluated annually with updates provided by the district's administrative team. The District Technology Director makes the changes to the plan based on the template provide by KDE.

The DTC will continue to research and evaluate emerging technologies and equipment to determine their potential impact on the classroom and instructional benefits. Any new technologies purchased must be approved by the DTC to verify interoperability within the district's environment.

The DTC is responsible for creating the plan, based on input from the stakeholders, and sharing it with the district administrators and presenting it to The Board for approval.

Current Technology and Resources

All buildings (with the exception of TCHS) used by the Taylor County School District (TCSD) are connected by multi-mode fiber which is owned by the district. All locations have a 1GB connection with the exception of the bus garage which has a 100 MB connection. TCSD has a 1 GB leased-line connection to TCHS providing network connectivity. TCSD has a 250MB internet connection via the KEN circuit.

All teachers and administrators have a mobile device (iPad/laptop). Also, all administrative offices are equipped with computers, laser printers (most via network), IP phones that allow connection between each classroom/office in the district, as well as, local and long distance phone service and voice mail. Each classroom and office has access to web and network resources to facilitate the collection and management of student data.

The schools lunchrooms are equipped with computerized cash registers networked to the district food service coordinator's office, allowing daily data to be collected. The district utilizes the LunchBox food service application. Parents may utilize the on-line e-Pay system to check lunch account balances and make deposits.

The TCSD installed new Avaya IP Office phone system in December, 2016/January, 2017.

All school buildings utilize the Destiny automated circulation software.

The district uses ZenDesk as its online work-order entry/tracking system. All teachers have the ability to enter online requests for technical support. We will continue to expand the use of the software and provide additional training in order to provide the best technical support possible to the faculty and staff in TCSD.

TCSD utilizes LightSpeed as its content filtering solution.

The Primary School classrooms are equipped with a teacher workstation while the kindergarten classrooms are also equipped with 2-3 student machines. Classrooms have a [QOMO](#) interactive panel, a QConnect for screen-casting as well as a document camera. QOMO boards in TCPC are mounted on [BalanceBox](#) adjustable mounting system facilitating simple height adjustments of the touch panels. The TCPC has a computer lab with 29 student computers. TCPC has 190 iPads in K-2, 42 iPads in preschool and 40 Chromebooks. The devices are classroom sets. TCPC shares a full-time technician with the TC Intermediate/Elementary School.

Taylor County Intermediate/Elementary School classrooms have a [QOMO](#) interactive panel, a QConnect for screen-casting as well as a document camera. TCIS has 420 iPads and 150 Chromebooks. The devices are classroom sets.

TCPC and TCIS share three, 3-D interactive systems from [Z-Space](#). The Z-Space units provide students with a 3-D experience while working on Science-based projects. The Cardinal Academy housed in this complex also has 30 Chromebooks as well as 20 iPads.

Taylor County Middle School classrooms have a [QOMO](#) interactive panel, a QConnect for screen-casting as well as a document camera. There are three computer labs (including the library) in TCMS for a total of 90 desktop computers.

TCMS utilizes classroom sets of iPads and Chromebooks. The Chromebooks are on carts which stay in the classroom while the iPads are housed in the iPad charging center. The daily check-out/in of the devices is operated by TCHS students. Teachers in TCMS prefer Chromebooks over Windows-based devices so additional student devices for TCMS will be Chromebooks.

Taylor County High School has five computer labs including: Microsoft Lab (40), CAD Lab (29), Aviation (18 including flight simulators), Fitzpatrick (20) and the Success Lab (10).

Classrooms have a 75" QOMO interactive panel and document camera. Several student groups compete in technology projects each year, including: DECA, FBLA, and FFA. TCHS has a full-time technician who assists with technical issues and helps teachers integrate technology into their classroom instruction. TCHS also has a technician in charge of the daily check-out/in of the student laptops. Students perform the daily collection, charging and distribution of the devices on the first floor. The second floor classrooms contain carts for the devices and teachers are responsible for the daily care of the devices. TCHS would like to secure funding to purchase carts for the seventeen classrooms on the first floor in the 2017-2018 school year. TCHS would like to have a "technology" teacher on staff allowing them to expand their technology-related curriculum.

Students are responsible for the daily check-in/check-out procedures as well as the charging of the devices.

Teachers utilize a variety of apps in the classroom to facilitate instruction and online learning. Evaluation of the existing apps and new apps will continue to maximize the educational impact of our resources.

TCSD will continue to research and evaluate new instructional devices. These devices include but will not be limited to Chromebooks, Windows 10 devices and MacBooks. Any instructional device used by the district must meet the requirements set forth by the district including the ability to be centrally managed and shared.

Each school building has a security camera system. The Superintendent and School Resource Officers have the ability to monitor cameras district-wide. In the event of an emergency, the local 911 center has the ability to access our security cameras via a VPN connection. Each school bus is also equipped with security cameras.

For administrative reasons, the district decided to change from a 1:1 iPad deployment at the MS and go with classroom sets. This is also the case with the laptops at the HS. This has improved our ability to provide apps and updates but has restricted the distribution of devices due to the variance in class sizes. The district recognizes the need for additional student devices and will purchase devices as the budget allows.

We will continue to replace aging teacher and student computers as the budget allows.

Although the document cameras used in the majority of the classrooms are still operational, they will not function properly with some of the newer technologies used by the district. We will be replacing the document cameras with a newer model which will meet our needs.

The district is currently mixed Avaya/Extreme environment so district personnel use applications from each vendor to monitor/manage the devices. The district is in the process of moving to a single vendor to simplify management and improve efficiency. The district will file for e-Rate funding to accomplish this objective.

Curriculum and Instructional Integration Goals

Goal 1

Continue to add rigor to the classroom

Action Plan: Projects/Activities

Project/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Reading Across the Curriculum activities will be implemented	Informational reading skills will be increased as measured by MAP	MAP assessments	1/2/12 – 6/30/2018	Principals	GRREC Grant Title I PD PD Instr. Resources
Quadrant D Lessons will be promoted and modeled	Quality of instruction will increase resulting in greater student achievement as measured by MAP	MAP assessments	8/1/11 – ongoing	ES and MS Principals	PD Title I PD
Student placement will be determined by academic level instead of age level	Students will continue to grow academically as measured by FALL-Winter-Spring MAP testing	MAP assessments	July 1, 2017-June 30, 2018	Dianne Harris	Title I PD Funds
Continue and expand the Literacy Celebration for all schools	Students will have access to books and increase their interest in reading	MAP assessments	July 1, 2017-June 30, 2018	Media Specialists Dianne Harris	Title I Parent Involvement Title I deferred
Progress monitoring of all HS students toward	Students will show academic growth toward meeting state ACT	E-Cert Assessments	October, 2015 – June 30, 2018	HS Principal D. Harris	Instr. Resources

college and career preparation	benchmarks for college readiness				
Use of Reading Plus, Moby Max, Carnegie Math, Math XL, iXL Math, FastMath	Increase student achievement	MAP and other assessments	July 1, 2017-June 30, 2018	Principals Teachers Dianne Harris	TI, SB, General

Goal 2

Increase the technical skills of students while incorporating the activities with other content areas

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Integrate online lessons into lesson plans	Teachers will utilize online videos from web resources in their classroom activities. Teachers are encouraged to create their own content and post online.	Individual Assessments Walkthrough Evaluation	July 1, 2017-June 30, 2018	Classroom Teachers Principals Dianne Harris	No additional funding required
Utilize online collaboration using Office 365, Google Apps for Education and other online systems as selected by the schools and/or district.	Increase student use of technical resources to accomplish desired goals and outcomes in daily classroom activities	Individual Assessments Classroom Observation	July 1, 2017-June 30, 2018	Classroom Teachers Principals Dianne Harris	No additional funding required

	in non-technical content areas.				
Offer MOS training/certification to HS students via HS Virtual lab tin increase career readiness opportunities	Increase career readiness opportunities for HS students	MOS certification	November, 2015 – June 30, 2018	Loria Christie CCR Coach HS Principal	N/A

Curriculum and Instructional Integration Goals – Evaluation

The district requires teachers to use CIITS and other available technology to design and deliver content. Teachers are using the self-paced/flipped model of teaching and learning in the regular classroom. The virtual program focuses on distance learning.

The use of technology allows students to work, based on their academic ability (rather than chronological age) to complete relevant work aligned with all College and Career Readiness (CCR) goals. A full-time CCR director assists with the coordination of program offerings.

Early Release Friday (ERF)/Professional Learning Community (PLC) sessions are held weekly to analyze data (MAP results, KPREP, ACT, E-Cert (9-12), common assessment results, student performance) to determine the success of all practices. Teacher input is also utilized to develop quality professional development.

Assessment results, as well as results of school level continuous assessments are analyzed weekly in PLC sessions. If expected results are not met, professional development and planning will shift to gap areas.

Student Technology Literacy Goals

Goal 1 *Enable students to use technology to become independent, life-long learners*

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Students will complete classes in keyboarding in grades 3-5	Students will demonstrate proper keyboarding techniques, optimal posture and correct hand placement at the computer workstation. (Kentucky Common Core)	Teacher made rubrics	August, 2017 – June, 2018	Principal Teachers	General (salaries) KETS
Students will complete online and classroom instruction covering the fundamentals of computer use and the fundamentals of productivity applications in grades 3-8.	Students should become proficient in the use of computer applications and understand their proper use and impact in daily applications. The depth of their knowledge will grow as they progress through the grade levels.	Pre and post assessments	August, 2017 – June, 2018	Principal Teachers Lab Assistants	No additional funds required
Students will use online collaboration and interactive projects to communicate with	Students will understand how collaborative online projects impact life-	Lesson Plans Proxy Logs Lync	August, 2017 – June, 2018	Principals Teachers DTC	No additional funds required

others (email, video conferencing, virtual learning, etc.) in grades 3-12	long learning and global interactions. (KY Common Core)				
Students will use technology both individually and collaboratively to organize and develop creative solutions, ideas or products	Students will understand that productivity tools are used effectively and efficiently to enhance lifelong learning. (KY Common Core)	Lesson Plans	August, 2017 – June, 2018	Principals Teachers DTC	No additional funds required
Offer online instruction via the Microsoft Imagine Academy to High School students	Students will have the opportunity to receive additional/supplemental training for Microsoft Office products.	Lesson Plans Imagine Academy reports	August, 2017 – June, 2018	Principals Teachers DTC	No additional funds required
Students will utilize the Digital Driver’s License (www.idrivedigital.com)	Students will learn about safe, responsible and ethical internet safety.	Digital Driver’s License reports	August, 2017 – June, 2018	Principals Teachers Media Specialists	No additional funds required

Goal 2

To use electronic resources in all content areas

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Students will use technology resources to improve math and reading skills (Carnegie Math, Khan Academy, iTunes Apps, TeacherTube, Educreations, etc.).	Students expand their understanding of existing knowledge by making connections with new knowledge, skills, and experiences. (KY Common Core)	State Assessment Scores Lesson Plans	August, 2017 – June, 2018	Teachers Principals	Title I IDEA B General SBDM
Students will use online collaborations and internet resources to research content related information in grades K-12.	Students will use appropriate technology to collect, analyze, and present information. (KY Common Core)	Lesson Plans 8 th Grade Technology Assessment	August, 2017 – June, 2018	Teachers Principals Media Specialists	No additional funds required
Students will cite online resources in student produced assignments in grades 3-12.	Students will correctly cite electronic sources. (KY Common Core)	Lesson Plans 8 th Grade Technology Assessment Teacher Made Rubrics	August, 2017 – June, 2018	Teachers Principals Media Specialists	No additional funds required

Students will use Microsoft Office 365, Google Apps for Education and video conferencing in content area assignments.	Students will use online collaborative tools. (KY Common Core)	Lesson Plans Proxy Logs Video Conferencing Schedule	August, 2017 – June, 2018	Teachers Principals Media Specialists DTC	No additional funds required
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Goal 3

To use technology to collect, organize and communicate information and ideas.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Students will produce PowerPoint presentations, multimedia presentations, research papers, etc. in all content areas in grades K-12 using a variety of technology tools.	Students will use productivity tools to produce content area assignments/projects. (KY Common Core)	Lesson Plans Student Grades	August, 2017 – June, 2018	Principal Teachers DTC	No additional funds required
Students will participate in online group projects using	Students will participate in online group projects and	Lesson Plans	August, 2017 – June, 2018	Teachers Principals	No additional funds required

technologies including Microsoft's Office 365 and Google Apps for Education in grades 3-12	learning activities using technology communications. (KY Common Core)			DTC	
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Goal 4: To understand and practice safe and ethical/social issues related to technology.

Action Plan: Projects/Activities

Project/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Students must sign and abide by the Acceptable Use Policy.	Students will practice safe and ethical use of instructional technology (email, internet use, video conferencing, online collaboration, etc.) (KY Common Core)	Proxy Logs Discipline Records AUP	August, 2017 – June, 2018	Teachers Principals DTC	No additional funds required
Students will receive online training addressing “Digital Citizenship” including cyber-bullying	Students will learn safe and ethical use of technology. (KY Common Core)	Digital Driver’s License Proxy Logs AUP	August, 2017 – June, 2018	Teachers Principals Media Specialists DTC	No additional funds required
Students will practice “Digital	Students will use appropriate etiquette	Digital Driver’s License	August, 2017 – June, 2018	Teachers Principals	No additional funds required

Citizenship” etiquette when using online resources for instructional purpose.	when interacting with global environments. (KY Common Core)	Proxy Logs Discipline Records AUP		Media Specialists DTC	
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Student Technology Literacy Goals – Evaluation

Students will continue to receive instruction addressing technology skills while integrating those skills with Math, Language Arts, Science and Social Studies. The subjects and their complexity will vary depending on the grade level and ability of the student.

Students will be evaluated by online assessments and teacher observation to determine their proficiency levels and their ability to implement their technology skills.

If students need additional help, it will be provided by the teacher or lab assistant. Upon completion of the intervention, the students will then be re-evaluated.

Staff Training/Professional Development Goals

Goal 1

To provide technology professional development that enables teachers to use best practices for teaching and learning.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Develop the self-paced/flipped classroom model of teaching and learning using student devices as digital textbooks	Provide a rigorous and relevant Common Core which allows the students to complete at their own pace	Use of CIITS and assessment results; creation of content standards	August, 2017 – June, 2018	PD Coordinators TRT's Principals	Title II PD Funds
Professional Development on using interactive whiteboards, LCD Projectors, Document Cameras, and Student Response Systems in instruction	Teachers will use technology to implement instruction that facilitates student learning. (Standard 6.2)	Administrator Walk-through; Teacher Evaluation; Student performance on Teacher Made Assessments; Student performance on State Assessments; Student performance on 8 th Grade Technology Literacy Assessment	August, 2017 – June, 2018	PD Coordinators DTC TRT's Principals	
Provide information, training, and support to administrators and teachers	Teachers will use available technology to implement instruction that facilitates student	Teacher Professional Growth Plans	August, 2017 – June, 2018	Principals PD Coordinators DTC	Title II PD Funds

according to individual need.	learning. (Teacher Standard 6.2			TRT's	
Professional Development will include use of Web 2.0 tools and their application in the K-12 environment	Teachers will use available technology to implement instruction that facilitates student learning. (Teacher Standard 6.2	Teacher Professional Growth Plans	August, 2017 – June, 2018	Principals PD Coordinators DTC TRT's	Title II PD Funds KETS

Goal 2

Teachers shall become proficient in the use of new technologies being implemented in the 2017-2018 academic year

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Continued Professional Development on the use of the new Qomo interactive panels	Teachers will receive additional PD on the effective use of the Qomo interactive panels and associated software	Administrator Walk-through; Teacher Evaluation; Teacher Surveys	August, 2017 – June, 2018	PD Coordinators Principals TRT's	Construction PD

Goal 3

To understand the social, legal, and ethical issues related to technology and model responsible decision-making related to these issues. This includes data security.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
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Professional Development for all staff on “safe and ethical use of technology in the classroom”	Administrators, teachers, and staff will provide and maintain a safe, secure, and equitable classroom environment that consistently promotes discerning and ethical use of technology.	PD Rosters Email history	July 1, 2017-June 30, 2018	Principals PD Coordinators DTC Media Specialist	No additional funding required
Teachers will receive training on data security and recommended security practices	Administrators, teachers and staff will be aware of the importance of data security and recommended security practices	Teacher Surveys PD Rosters Email history	July 1, 2017-June 30, 2018	Principals PD Coordinators DTC Media Specialist	No additional funding required

Staff Training/Professional Development Goals – Evaluation

Technology surveys of staff will determine both level of proficiency and future PD needs. Teacher evaluations (formal and informal) will also indicate the successful use of technology and establish needs for growth.

Training will be available via onsite PD, vendor-supplied videos, TRT's and other online resources.

Technical staff and HS teachers have access to the Imagine Academy for additional training. Technical staff members are provided appropriate training as needed to complete their job duties and to stay abreast of the latest technologies as needed by the district.

The district participates in the monthly Region 6 technical meetings. A representative of the district will participate in the monthly meetings.

Members of the technical department are offered the opportunity to attend the KySTE conferences as applicable.

Technology Goals

Goal 1: To improve management/inventory of the student devices

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
District must have the ability to remotely deploy apps/programs to student devices based on classroom needs	Teachers and students will have access to apps/programs needed for classroom instruction	Successful deployment of apps/programs	July, 2017	DTC LAN Technician	KETS
District must have the ability to remotely deploy third-party updates	District owned devices will be properly updated thus providing a secure and reliable device for classroom use	PDQ inventory reports	July, 2017	DTC LAN Technician	KETS
District must have the ability to view centralized accurate inventory reports showing device specifications, location and software	District technical staff will be able to quickly identify devices, their status and use	Ability of technical staff to view desired reports	July 1, 2017-June 30, 2018	DTC Technicians	KETS

Goal 2**Be able to monitor wired and wireless network activity****Action Plan: Strategies/Activities**

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
District shall be able to quickly and easily monitor network health including both wired and wireless resources from a centralized management interface	Provide reliable and adequate network resources to support classroom instruction.	Help desk reports Principal and teachers comments Reports from management system	July 1, 2017-June 30, 2018	DTC LAN Technician	KETS

Goal 3**Replace aging network hardware****Action Plan: Strategies/Activities**

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Replace aging network equipment	Provide reliable and adequate network resources to support classroom instruction.	Successful implementation of new hardware	July 1, 2017-June 30, 2018	DTC	KETS eRate Construction General
Replace aging server hardware	Improve reliability of file servers required for	Successful implementation of new hardware	July 1, 2017-June 30, 2018	DTC	KETS

	instructional support				
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Goal 4

Replace aging instructional devices

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Replace aging hardware with new devices capable of running apps/programs required for classroom instruction	Reliable devices capable of meeting classroom needs	Help desk reports Principal and teachers comments Reports from management system	July 1, 2017-June 30, 2018	DTC Building Principals	KETS General SBDM

Technology Goals – Evaluation

The district will utilize computers and networking equipment from the KETS contract to ensure interoperability, stability and manageability within the system.

The district will upgrade older computer equipment (where feasible) and continue to purchase additional technology as funds are made available by the funding sources available to the district. The district will take advantage of the federal e-rate funding.

The district will continue to survey administrators, teachers and students to acquire information concerning technology, its implementation and use.

The district will continue to research emerging technologies and applications to determine their impact and feasibility in our environment. TCSD will continue to research new “devices” for student and teacher use. New devices should be tested in classroom environments prior to a large-scale purchase of the devices.

Budget Summary

Acquired Technologies and Professional Development	E-Rate	KETS	Other (Specify)
Networking equipment	64,000	16,000	
Hardware upgrades		4,000	
Student instructional devices		20,000	20,000 SB/Special
Office computers			2,000 SB General
Teacher instructional devices		5,000	
Replacement document cameras		13,500	
Lease payments (laptops 1000@HS, 270 @ MS) 2017-2018 will be year 4 of 4 at the HS and year 3 of 4 at the MS		5,000	225,443 General
MDM annual fee		15,000	
Microsoft licensing		14,500	
Other software licensing		4,000	131,000
Phone service	7,485		29,940 General
STLP		4,000	
Salaries			300,000 General
Security cameras			5,000

			General
UPS battery replacement			2,000
Call notification system			4,200 General
Webhosting		6,700	
Travel (Conferences, Meetings, PD)		7,000	
Server maintenance		1,000	
PD – Additional training for technology staff		2,500	
TOTAL	\$71,485	\$118,200	\$719,583

- Indicates a combination of funds from various sources including General, TI, ECE, SB

Anticipated revenue from KETS is approximately \$59,250 with a district match of \$59,250 for a total of \$118,500 (based on \$25 @2370)

Budget Summary – Narrative

The DTC works with key parties in the district to ensure efficient use of financial resources. The district utilizes funds from the General Fund, E-Rate, KETS, Construction, Title I, Title II, other Federal and local funding sources. Additional funds may be used to purchase additional technology as needs arise and funding sources are available.

Additional student computers/devices are a top priority along with the network infrastructure to support them.

The district is actively pursuing partnerships with local business and industry to secure financial and equipment donations.

The proposed budget includes a fairly large contribution from the General and Construction Funds. Expenses for new equipment as part of the new construction may increase various line items in the budget causing adjustments to be made.

Attachments/Appendices (Optional)