FLOYD COUNTY BOARD OF EDUCATION
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Linda C. Gearheart, Member - District 1
Dr. Chandra Varia, Member- District 2
Rhonda Meade, Member - District 4

Date: May 3, 2019

Consent Agenda Item (Action Item): Approve the Technology Plan 2019-2022

Applicable State or Regulations: BOE Policy 01.11 General Powers and Duties of the Board.

Budget/Financial Issues: Technology Plan has items in budget for Districts/KETS budget.

History/Background: The FCS Technology program is entering into the 6th year of the 1:1 implementation and this is the third year gathering Clarity BrightBytes Data for tracking progress in several areas of the program. Goals, data and needs assessments have

Recommended Action: Approve as presented

Contact Person(s): S. Denise Isaac, Chief Information Officer

CIO

Superintendent

Kentucky Education Technology System
DISTRICT TECHNOLOGY PLAN

DISTRICT NAME	Floyd County
LOCATION	Prestonsburg, KY 41653
PLAN YEAR(S)	2019-2022

Sample *(replace with district logo and URL)*

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Table of Contents

Planning Team

District Staff [Recommended to include CIO/DTC, TIS/DLC, technician, finance officer, superintendent, academic officer, DAC, etc.]	
Danny Adkins, Superintendent	S. Denise Isaac, CIO
Randy Smith, Lead Network Technician	Tonya Williams, District Instructional Director
Wesley Turner, ERATE Coordinator/Network Services	Davida Marson, District Instructional Director
Josh Paige, Network Technician	Larry Begley, Special Education Director
Jason King, Network Technician	Cassondra Akers, Instructional Director
Chris Campbell, Network Technician	
Anna Shepherd, Early Childhood Director	

Building Staff [Recommended to included principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Lisa Blankenship, SSTIC Adams Middle School	Sandy Akers, SSTIC Betsy Layne Elementary
Sandy Mims, SSTIC Betsy Layne High School	Kenneth Bradley, SSTIC Prestonsburg High School
Cassandra Fulks, Floyd County High School	Mike Bell, Allen Elementary
Cecelia Prater, Duff-Allen Central Elementary	Brandon Maynard, Prestonsburg Elementary
Deborah Bentley, Stumbo Elementary	

Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]	
Sherry Robinson, Board Chair	Chandra Varia
Junior Newsome	Linda Gearheart
Rhonda Meade	

Students [Recommended to include middle and/or high school students]	

Other [parents/community members, business and nonprofit leaders, etc.]	

Previous Plan Evaluation

In this section include a discussion of the "expiring" *(previous year's)* plan using the prompts below. Attempt to limit your narrative to the space provided.

What goals were met?

Goals for Floyd County Schools are ongoing. The district has continued to progress towards reaching vision and goal in the following:
  A. *Continuation of Digital Conversion Project into FCS 1:1 District Plan.*
  B. *Equal and equitable access to technology for student and teachers thru innovative new devices and student laptops.*
  C. *We continue to maintain current equipment and add additional devices to enhance learning opportunities.*

Goals that were not met or didn't have the expected outcomes?

Goal 3 ISAFE Curriculum didn't have the expected outcome outlined for this goal. With the Digital Driver's License program, because every student and teacher are required to complete the modules in order to receive the device students had more incentive to take the curriculum serious. We really need to improve in this area to fully implement the utilization of all of the software packages purchased by the district.

Areas of improvement?
District will continue to focus on increasing awareness of Internet Safety, STEM implementation, and technology literacy. Students will receive instruction on internet safety that address CIPA mandates via ISAFE Curriculum on a scheduled basis. The STEM Bus will travel to each school to expose all students to the Computer Science standards using STEM activities. Teachers will follow the K-12 Technology curriculum. The curriculum is divided into grade levels and the expected skills to be taught at each level.

Areas/goals that are no longer relevant?

Needs that emerged after evaluation of the previous plan?

New Plan Preview

This is a high-level overview or executive summary of the plan as a whole. Attempt to limit your narrative to the space provided below.
[See Technology Planning section of KETS Master Plan for more information]

How did you and the planning team decide on the goals for this plan?

Our team believed it should be the intent of the FLoyd County School District to provide world class network access in order to maximize student achievement by making the classroom a place where students can learn anytime, anywhere, at all levels with no boundaries.

Briefly discuss the major activities slated for implementation and how these activities will advance curriculum and instruction integration, student technology literacy, professional development, & technology infrastructure.

The district has continued to progress towards reaching the vision and goals in the following:
1.   Continuation of Digital Conversion Project into FCS 1:1 District Plan.
2.   Equal and equitable access – we have enhanced access for student's district and school purchase decisions have provided enhanced access to technology for student and teachers thru innovative new devices and student laptops.
3.   We continue to maintain current equipment and add additional devices to enhance learning opportunities.

  Implementation of the FCS 1:1 District Plan will increase opportunities for web based resources such as Google, SUMMIT, KAHN Academy, Nearpod, Flocabulary, etc.... This plan has given our district equal and equitable access with an increased opportunity to provide teachers the tools to motivational practices that will increase student engagement, enhance student participation, foster 21st Century Information Skills and improve academic achievement.

Student Voice

Personalized student learning allows students to develop deeper learning competencies including critical thinking, using knowledge and information to solve complex problems, collaboration, and communication. Capturing student input about their access to opportunities that build these competencies is key to effective technology planning. Please answer the questions in the space provided below.

Do you currently have a method to collect student responses about the digital learning environment? If so, which tool (ex: BrightBytes, Speak Up, survey created by you or the district, other)?

Floyd County Schools uses BrightBytes to survey students, teachers, administrators. This program *integrates* purposeful data across ed tech systems, used to *analyze* results against research-based frameworks, and delivers purposeful information that drives instruction.

If you have a method to collect student voice for this purpose, reference specific data points from the collection that were useful in developing strategies for this new plan.

Data from the BrightBytes survey shows the districts largest need in elementary, middle and high schools is teachers use of the 4 C's. The 4 C's of 21st Century Skills are: Critical thinking, creativity, collaboration, and communication. The district principals will monitor this area through walkthrough data.

KETS Master Plan Areas of Emphasis
Connected to the Future Ready Framework

The Future Ready Framework identifies seven Gears to assist districts in developing a roadmap for student success through personalized student learning and collaborative leadership. The KETS Master Plan has identified 37 Areas of Emphasis connected to the Future Ready Framework and are categorized as either *1) Areas of Acceleration (AA) or 2) Areas of Improvement (AI)*. The "areas of acceleration" are considered big wins, successes, and major milestones of the KETS are identified for continuation work. The "areas of improvement" address emerging areas based upon growth or decline metrics, research, needs assessments, and reporting by Kentucky school districts.

Use the Areas of Emphasis and Future Ready Framework as a lens to analyze current trends, initiatives, needs and goals of your district. Link the work of this new plan identified by your planning team to the Gears and Areas of Emphasis of the KETS Master Plan on the following pages. There is no expectation to address all 37 Areas of Emphasis of the KETS Master Plan. Any strategy that involves Erate, please include in the Budget & Resources gear. If your district has lease agreements (i.e.; device, fiber, etc.), be prepared to reference the quantity during the final submission process.

Robust Infrastructure & Ecosystem
Future Ready Gear

KETS GUIDING PRINCIPLE – A robust infrastructure is one that delivers the device, network and support needs of staff and students to create personalized learning environments using digital tools and resources.

Areas of Emphasis: Areas of Acceleration (AA) /Areas of Improvement (AI)

AA-1: Continue to provide nation's first, fastest, highest quality, and most reliable internet access to 100% of Kentucky's public schools

AA-2: Continue to ensure equity and standardization for delivery of device, network, data and support creating best in class staff and student digital experiences AND provide a system of shared/brokered/managed services maintaining low infrastructure costs and providing support structures promoting the use of personalized learning environments

AA-3: Continue to create a culture of digital connectedness through all- the-time, everywhere, always on digital opportunity and access with emphasis on dense Wi-Fi throughout schools *(also including home access, Wi-Fi buses, school and classroom Wi-Fi, etc.)*

AA-4: Continue to encourage the use of instructional programs and administrative processes requiring cloud-based services

AI-1: Improve ease of access for student and staff through continued progress toward 1:1 student to computer ratio utilizing increased amounts of mobile devices *(fewer traditional computer labs)*

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-1	Provide high speed (10GB) WAN Fiber connection to connect all district entities to district NOC.	CIO Network Team	On-Going	ERATE General Fund	$216,000 $24,000	Bandwidth data shows high utilization but remains comfortable under total capacity.
AA-2, AA-3	Continue to Provide high speed dense wireless across all entities and all classrooms	Network Team	On-going	KETS General Fund ERATE	Continuation from previous funding.	WLAN management system data shows maximized uptime and utilization across district entities.
AA-2	Continue to maintain IP Office phone system utilizing both VOIP and Analog phones.	Network Team	On-Going	KETS General Fund	15,000	Consistent and reliable end user services
AA-2	A. Equitable distribution of grants.	CIO, Network Team, Instructional Leaders	On-Going	KETS General Fund Title Gear-Up		A. District will continue to utilize technology grant opportunities to continue to fund essential equipment, support, and services in order to maintain an effective and updated access.
	B. Skilled Technical Staff and School Level Support	CIO, Instructional Leaders, Network Team	On-Going	KETS General Fund ERATE		B. District will provide a Skilled Technical Network Team in order to Support Digital Conversion needs district wide. District will provide for training and certification updates for all Network Team.
AA-2	A. Continued maintenance and support a. Secure Maintenance contracts b. Secure Funding Sources c. Provide for Network integrity d. Prepare Emergency Data Recovery e. Assist School Level Support f. Training and Certification updates	CIO, Network Team, Instructional Leaders	On-Going	KETS ERATE General Fund		A. District Wide Technology related services will be the most current and up-to-date. Costs of upgrading and implementing new 1:1 devices and software programs will be shared through grant opportunities. Network integrity will ensure reliable and safe access. Emergency recovery of data provisions will increase use and confidence of data. Assisting school level support will result in full benefit of instructional resources. Continued training and updated certifications for Network Team Technicians will assure district-level hardware and services for schools.

AA-3	Provide Microsoft A3 licensing to all faculty, staff, students.	CIO Network Team	On-Going	KETS General Fund	58,000	With the benefits of A3 licensing all faculty, staff, students will have the ability to access and install the latest versions of O365, Office Pro, and Windows.
AI-1	Strategy to continue 1:1 District Plan and assist with admin & teacher training with technology integration.	CIO, Network Team, Instructional Leaders	On-Going	KETS General Fund Title	446,250	-District will support 1:1 Program school wide through available funds

-The continued use of devices in schools will provide students, teachers, staff, the opportunities for video conferencing, anytime anywhere learning, 21st century skills, project based learning, and increased communication between the teacher, student, and peers |

Data Security, Safety & Privacy
Future Ready Gear

KETS GUIDING PRINCIPLE – Security, safety and privacy of student data is a cornerstone of digital learning. Policies and procedures are enacted at the state, district and school levels that work in conjunction for this purpose. Student data are then utilized by data fluent educators for improved decision-making leading to increased learning for students.

Areas of Emphasis: Areas of Acceleration (AA) 🔻 */Areas of Improvement (AI)* 🔻

🔻 **AA-1**: Continue to support districts in securely accessing and managing key student and administrative data sets through improved user experiences, refined data collection processes, continuously updated policies and practices regarding student data security, and timely access to data sets that improve the depth and efficiency of student learning *(Infinite Campus, Early Warning, MUNIS, eTranscripts, School Report Card)*

🔻 **AA-2**: Continue to identify key aspects of data security regularly to build upon the current systems, procedures and policies to remain a leader in mitigating emerging threats *(acceptable use policies, firewall updates, data privacy studies, digital citizenship, content filtering)*

🔻 **AA-3**: Continue to utilize adoption metrics or trending data for planning purposes that allow EdTech leaders to identify what's working and what's not working based upon data quality and evaluate current systems and solutions to determine effectiveness and future direction *(annual auditors, TELL survey, Technology Activity Report, Digital Readiness, Data Quality Study, Data Quality Campaign, BrightBytes, SpeakUp)*

🔻 **AA-4**: Continue to migrate key administrative and student data sets to secure cloud-based services that allow anywhere, anytime secure access for the improvement of student learning *(Infinite Campus, Early Warning, School Report Card, MUNIS)*

🔻 **AA-5**: Continue supporting teacher efforts in taking ownership of digital citizenship skills and education their student in the same skills to foster a secure digital learning environment

🔻 **AI-1**: Educate and support districts in the importance of personnel with duties related to student/staff data quality, security and privacy as well as bringing data privacy to the "radar screen" of teachers/staff *(The People Side of EdTech)*

🔻 **AI-2**: Kentucky K-12 Data systems are first-class but we need to do much better with district using the data available to them as well as providing visual data analytic tools allowing the data to be better understood and more interesting to the average person who does not have a technology and data background

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-2	Students will receive instruction on Internet Safety that address CIPA mandates via ISAFE Curriculum	Safe Schools Coordinator Instructional Team All School Principals	7/01/2017 – 6/30/2020	Title VI	$4,200.00 annually	To promote cyber security awareness and digital literacy education.
AA-2	All students will be trained on the Digital Driver's License (DDL).	CIO, Network Team, Instructional Leaders	7/01/2017 – 6/30/2020	N\A	$0	Reports of completing the training and obtaining the credentials will be evaluated.
AI-1	District Central Office staff educated and trained on importance of student data quality, security, privacy.	CIO	Annually	N\A	$0	Training takes place yearly on district opening day event.

Budget & Resources
Future Ready Gear

KETS GUIDING PRINCIPLE – The Master Plan, as well as district and school technology plans, are aligned to the vision of 21st century skills for students and staff. Revenue streams are aligned to account for the recurring and nonrecurring total cost of ownership to support the 21st century learning environment in a manner that reflects good stewardship of tax dollars to include devices, infrastructure, support, data and human services.

Areas of Emphasis: Areas of Acceleration (AA) 🔽 */Areas of Improvement (AI)* 🔽

🔽 **AA-1:** Continue to maximize local and state education technology expenditures through a system of shared/brokered/managed services

🔽 **AA-2:** Continue use of long-term planning strategies that allow for continuity of initiatives and systems *(ex. Accounting for cost of ownership over the lifespan of equipment so monies are allocated for repairs/upgrades)*

🔽 **AA-3:** Continue to leverage all available state and federal funding opportunities to address required basic cost of living increases, previous budget cuts of basic services, projected growth by districts *(e.g. Internet consumption)* while maximizing education technology programs and initiatives *(Technology Need, E-rate)*

🔽 **AI-1:** Make districts aware of position/roles requiring technology-related duties in support of technology and instruction *(The People side of K-12 EdTech)*

🔽 **AI-2:** Make districts aware of how to reduce expenditures on printing/print services *(both in consolidated contract pricing as well as shifting from paper to digital experiences)*

🔽 **AI-3:** Evaluate the need and explore new contracts that drive costs down for statewide summative online assessment, learning management systems, printing services and interim based assessments

🔽 **AI-4:** See an increased percentage of districts examining which education technology investments are or are not being maximized

DISTRICT TECHNOLOGY PLAN

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-1	Continue 1:1 Digital Conversion Initiative	CIO Tech Team	On-Going	KETS General Fund Title	$450,000	Students will have greater access to empower then to have anytime, anywhere, always on, differentiated teaching and learning.
AA-1	Provide Computer Science Enrichment activities to schools through STEM Bus.	CIO Tech Team Gear Up CCNs and AIs	Starting Aug. 2019			
AA-1	Provide high speed (10GB) WAN Fiber connection to connect all district entities to district NOC.	CIO Network Team	On-Going	ERATE General Fund	$216,000 $24,000	Bandwidth data shows high utilization but remains comfortable under total capacity.
AA-1	Continue to Provide high speed dense wireless across all entities and all classrooms	Network Team	On-going	KETS General Fund ERATE	Continuation from previous funding.	WLAN management system data shows maximized uptime and utilization across district entities.
AA-1	Continue to maintain IP Office phone system utilizing both VOIP and Analog phones.	Network Team	On-Going	KETS General Fund	15,000	Consistent and reliable end user services
AA-1	Provide Microsoft A3 licensing to all faculty, staff, students.	CIO Network Team	On-Going	KETS General Fund	58,000	With the benefits of A3 licensing all faculty, staff, students will have the ability to access and install the latest versions of O365, Office Pro, and Windows.

Partnerships
Future Ready Gear

KETS GUIDING PRINCIPLE – Connecting students and educators to the local and global community is a key factor to student success. The Master Plan will continue to provide opportunities for trusted relationships to build those connections as well as increase communication and transparency with shareholders, including families, districts, vendors, regional education collaboratives, postsecondary institutions and business/industry, in support of student learning and preparation beyond K-12.

Areas of Emphasis: Areas of Acceleration (AA) /Areas of Improvement (AI)

AA-1: Continue to build trusted relationships with shareholders (families, districts, partners) that will reduce risk as well as increase transparency and communication *(districts, vendors, higher-education, regional cooperatives)*

AA-2: Continue to utilize avenues of communication with shareholders allowing pertinent information and dialog to further student learning efforts *(Webcasts, BrightBytes, Technology Activity Report, KETS Service Desk, Office of Education Accountability studies, independent studies, etc.)*

AA-3: Continue to utilize tools engaging postsecondary institutions, community members, districts and families in student learning and life after K-12 *(eTranscripts, School Report Card and Dashboard tool, Infinite Campus parent and student portal, KDE Open House, Digital Readiness Survey)*

AI-1: Partner with postsecondary pre-service teacher and principal programs to provide support in candidate preparation

AI-2: Encourage postsecondary institutions to host STLP events and /or more fully maximize the opportunity to showcase the university and its programs while students are on campus

AI-3: Build relationships with charter schools to determine policies and procedures related to architecture/design, systems security and privacy, services and reporting requirements

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-2	*Utilize BrightBytes Survey to students, staff to get back feedback on perceptions and needs for technology in schools.*	*CIO*	*November of each year*	*None*	*$0*	*Results will be available to assist in future planning.*
AA-1	*Continue to partner with Gear Up to provide Math, Language Arts, and STEM support/enrichment.*	*CIO Gear Up Staff*	*September 2018-2025*	*Gear Up*	*???*	*Evidence of student participation in STEM activities, increase Math and L. Arts reinforcement opportunities.*
AA-3	*Continue to provide the electronic student information system, Infinite Campus to allow transparent and timely communication to parents.*	*CIO DPP*	*July 1-On going*	*General Fund*	*$22,000*	*Family and student communication will increase with the parents. Parents will have access to current information housed in the Infinite Campus program..*
AA-1	*Continue to purchase School Cast Alert System to keeps families informed of school events and closures.*	*CIO Tech Team*	*On going*	*General*	*$13,000*	*Family and student participation in school events will increase.*

Digital Curriculum, Instruction & Assessment
Future Ready Gear

KETS GUIDING PRINCIPLE – A digital learning experience is fostered by a teacher or coach with the use of rich digital instructional materials that are vetted to the rigor of Kentucky Academic Standards. A robust digital environment provides students with the opportunity to assess their own learning/progress.

Areas of Emphasis: Areas of Acceleration (AA) /*Areas of Improvement (AI)*

AA-1: Continue to provide access to instruction digital content which further aligns to the Kentucky Digital Learning Guidelines

AA-2: Continue providing opportunities for students to demonstrate learning connected to and through technology *(empowering students through technology with STLP, IT Academy, etc.)*

AA-3: Continue to finalize and partner with Career and Technical Education (CTE) to promote Kentucky approved K-12 Computer Science Standards and Technology/Digital Literacy Content Standards *(based on International Society for Technology in Education standards)* for ALL students

AA-4: Continue providing access to online assessment tools that allow teachers and administrators to assess student learning, provide timely feedback to students and make curriculum decisions *(online formative assessment tools, interim based assessments, and summative assessments)*

AA-5: Continue to provide districts/classrooms access to digital instructional materials through an equitable of robust digital experience

AI-1: Identify digital content and tools (curriculum, instruction and assessment) designed to have the highest impact and value (e.g. is the technology making or not making an instructional and learning difference?), including frequency of use by teachers and students

AI-2: Create a closer connection with Career and Technical Education to expand information technology and computer science career pathway offerings specifically related to computer programming/coding and increase exams available through IT Academy

AI-3: Play a vital role in implementation of summative online assessment and school report card and dashboard tool of the new assessment and accountability system

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-1	*Utilize District Web Based Information Services to increase interest in learning and increase information literacy*	*Instructional Team School Principals School Designee*	*7/01/2017 – 6/30/2020*	*Continuation of earlier investment*		*Principal Observation Lesson Review Review of District and School Websites.*
AA-5	*Teachers will utilize Interactive Tools and devices to enhance instruction in all classrooms.*	*Instructional Team School Principals School Designee*	*7/01/2017 – 6/30/2020*	*Continuation of earlier investment*		*Principal Observation Lesson Review*
AA-4, AA-5	*Digital Conversion Students, Teachers, and Parents will have access to Web Based software (WIN, Google Classroom)*	*SSTIC Instructional Team School Principals School Designee*	*7/01/2017 – 6/30/2020*	*Continuation of Digital Conversion investment*		*Usage Data Walk Thru Data Student Achievement*
AA-4, AA-5	*Schools will utilize Google Classroom to instruct college level courses between multiple high schools across the district*	*Instructional Team School Principals School Designee SSTIC's*	*08/2017 – On Going*	*Continuation of earlier investment*		*District review and student credit data*
AA-4	*Students will receive instruction on Internet Safety that address CIPA mandates via ISAFE Curriculum*	*Safe Schools Coordinator Instructional Team All School Principals*	*7/01/2017 – 6/30/2020*	*Title VI Funding*	*$4,200.00 annually*	*Lesson Review and Assessment Report Tracking*

Equity | Achievement | Integrity | Quality | Opportunity | Access

AA-2	Strategy for Student Tech Teams	Network Team, SSTIC	7/2014- OnGoing	N\A	N\A	School staff observations on student tech team work and technical achievements
AA-2	Student Technology Leadership for all Schools -Student Technology Leadership will provide students opportunities to showcase technology skills and experiences that may prepare them for the workforce and prepare them to help address the school's technology needs.	CIO School Principal School STLP Coordinator	7/2014- OnGoing	KETS General Fund	Schools provide $500 stipend per STLP coordinator	District led STLP "Open House", Regional and State STLP competitions
AA-4	Students will participate on-line in benchmark assessments throughout the year to monitor progress toward a specific goal.	CIO DAC Principals Teachers	Present-2022	Title General Fund		Students will participate in benchmark assessment such as MAP, ACT like assessments, KOSSA, and other assessments to make mid-course corrections in response to new developments and opportunities as they arise.

Personalized Professional Learning
Future Ready Gear

KETS GUIDING PRINCIPLE – Digital learning expands the access to quality strategies and experiences for educators beyond the traditional methods of professional development. A culture of digital collaboration, workflow and relationships allows educators to build skill sets and instructional best practices with colleagues globally. This approach of increased access and flexibility for professional learning ultimately leads to greater success for students.

Areas of Emphasis: Areas of Acceleration (AA) /*Areas of Improvement (AI)*

AA-1: Continue building a culture of digital collaboration and connected digital relationships that allow administrators to support and encourage the use of digital tools by staff for professional learning.

AI-1: Provide district with guidance and support to determine crucial learning needs of teachers resulting in more professional learning opportunities related to digital learning tools

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-1	District will survey all staff to determine staff professional development needs.	Instructional Team Principals	On-going	Title VI	$5,500	Improved awareness of staff proficiency in technology and targeted Professional Development to enhance staff skills in instruction using technology.
AA-1	Staff will receive annual survey on teacher/administrator technology proficiency to determine growth and set future professional development plans.	Instructional Team All School Principals	On-going	Title Vi	$5,500	
AA-1	Microsoft, Google and Device Training for digital tools	Instructional Team CIO SSTIC's Tech Team	7/2016-6/30/20	KETS General Fund Title Funds		Enhanced use of school based knowledge of the capabilities of new technologies to enhance instruction

AA-1, A1-1	SSTIC at each school location.	Principals CIO Network Team	July 2015-OnGoing	General Fund KETS	Provide $3000/HS $1,500/Elem Level Stipend per SSTIC Position	SSTIC's will serve to assist with all school level technology related activities or projects including, inventory of hardware and software, maintaining school web page, purchasing procedures, user id's and password security, deliverance of technology notices to building staff, installation of programs, securing of AUP's, and preparation of work orders.
AA-1, A1-1	Strengthening SSTIC's Proficiency	CIO Instructional Leaders Network Team	07/2017-OnGoing	General Fund PD	PD Academy	

Use of Space & Time
Future Ready Gear

KETS GUIDING PRINCIPLE – The personalized learning environment for students requires reimagining the use of school space and time. Virtual instruction, cloud-based learning tools, digital instructional material, digital collaboration, digital workflows and digital relationships, etc., assist in providing the vehicle for anywhere, anytime learning.

Areas of Emphasis: Areas of Acceleration (AA) /Areas of Improvement (AI)

AA-1: Continue to provide guidance, support and resources for districts in the development and application of high quality online/virtual coursework as well as implementation of learning management systems

AI-1: Educate and support districts in the implementation and facilitation of digital learning tools and portable technologies that foster anywhere, anytime access for staff and students

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-1, AI-1	Teachers will utilize online communication, collaboration and productivity platforms (Office 365,G-Suite) to communicate with, provide content to and collect assignments/products from students.	CIO, CAO, Principals, Teachers	Daily	No additional funding necessary	o365- Part of A3 Microsoft licensing G-Suite- $0	Administration will observe improvements in classroom practices as many assignments move to an online environment. Student engagement level will increase and personalized learning opportunities will become easily available.
AI-1	Purchase the APEX or Edgunity program for virtual courses to be used for credit recovery.	High School Counselors, RLC Teachers/Staff	As needed at RLC	General Fund		Students are enrolled in the courses and graduation rate is increased.
AA-1	Continue the support of the Early College Academy on the campus of Big Sandy Community and Technical College	High School Counselors, Early College Teachers/Staff	Daily	General Fund	$5,048.00	Students are enrolled in the courses and graduation rate is increased as well as students graduating with an Associates Degree.

Equity | Achievement | Integrity | Quality | Opportunity | Access

AA-1	Begin the process of implementing Computer Science Standards using the STEM BUS to travel to schools for STEM projects/centers.	CIO, Tech Team, CIA Teachers, Gear Up Staff	August 2019-On-Going	GEAR UP General Fund Title	$215,000	Students will receive opportunities to experience STEM projects/centers using the bus to travel from school to school.
AA-1	PD Academy	FCPS Teachers/Staff Guest presenters	July of each year	General Fund	$20,000	Teachers will attend an all day event at a district high school traveling through various PD opportunities.