M E M O

July 14th, 2021

TO: Jesse Bacon, Superintendent

FR: Kevin Fugate, Director of Technology

RE: 21-22 District Technology Plan

The District Technology Plan is shared with the Kentucky Department of Education each year. This year's plan is largely a continuation of the previous year's plan and was developed in partnership with the Digital Learning Coaches, Technology Department Staff, along with other district stakeholders. This document is designed to support district and state initiatives for the coming year.

This plan is a living document that can be amended to reflect changing initiatives along the way. Utilizing strategic plan work within our district, we continue to support personalized learning, the 1:1 Chromebook initiative for K-12, digital safety, school safety, and giving our students the proper technology experiences for the future.

Thank you and call me at 869.8040 if you have any questions.

DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Bullitt County Public Schools

LOCATION Shepherdsville, KY

PLAN YEAR(S) 2021-2022

www.bullittschools.org

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Planning Team

District Staff [Recommended to include CIO/DTC, TIS/DLC, technician, finance officer, superintendent, academic officer, DAC, etc.]	
Kevin Fugate, Director of Technology, CIO	Adrienne Usher, Asst. Superintendent for Instruction
Andrew Hobbs, Network Engineer	Becky Sexton, Asst. Superintendent for Support Services
Danita Cobble, Christie Turbeville, Keith Barnes, Kali Ervin, Andrew Paige, *DLC Team*	Adam Bates, CO Technician

Building Staff [Recommended to included principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Katie Stephens- Principal, Bernheim Middle School	
Kellie Davis- Media Specialist, Bullitt East High School	

Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]	
Rachelle Bramlage- Director of Secondary Education	Sarah Smith- Director of School Safety
Patrick Durham- Director of Elementary Education	

Students [Recommended to include middle and/or high school students]	
(Unfortunately, this school year made it difficult to include outside of general input, but plan to include a student presence at the discussion table in the upcoming year)	

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

Previous Year's Strategies Evaluation

In this section include a discussion of the previous year's strategies using the prompts below. Attempt to limit your narrative to the space provided.

What strategies from last year went well? Communicating with district and school leaders to assess needs at the school level to support student learning, adding Access 24 (chromebook repair) coordinators at the elementary level.

Goals that were not met or didn't have the expected outcomes? We will continue to work on staff training and professional development opportunities with technology. Necessary COVID protocols inhibited the full fruition of the outcomes.

Which strategies are dropping off the plan because you've met them or they aren't relevant now ? We'll replace audio enhancement equipment as needed as it's no longer the highest priority.

Needs that emerged after evaluation of the previous year's strategies? Dying classroom technology (interactive boards, projectors, document cameras), maintaining the 1:1 device program K-12, wireless access points throughout the district.

Upcoming Year's Strategies Preview

If this is the first year of a multi-year plan, this section acts more like an executive summary of the plan as a whole. If this is the second or third year of a multi-year plan then aim your discussion to any new strategies or adjustments you are planning for this year.
[See Technology Planning section of KETS Master Plan for more information]

How did you and the planning team decide on the strategies and/or adjustments for this plan? Through observation and discussion, we established our needs as a district. The more we observed and discussed, aging classroom equipment was identified as a major need and saw the issues teachers were having, especially in the virtual setting and not having the proper tools to work with. We also decided that replacing the wireless AP's throughout the district will allow us to keep up with the ever growing bandwidth demand in our buildings.

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. Further assess classroom equipment needs then address on a priority basis/communicate this need to our school leaders to get them involved in the updating process and purchase of equipment. A classroom that will allow for screencasting and sharing will be on the more cutting edge of classroom technology. Students will have access to more user friendly and pedagogically appropriate technological classroom tools. Our 1:1 program for K-12 will continue to support 21st century programs and skills that will further improve technology literacy even at the early grades. By the end of fall 2021, new wireless technology will be installed in all of our buildings, which will prevent dropped devices and allow higher access speeds. The technology landscape in BCPS is set to improve on multiple levels in the coming months.

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)? We currently use Google Forms for all district surveys. We ask ELA teachers in middle school to distribute our surveys to their classes. For high school students, we distribute surveys by asking ELA and Social Studies teachers to include in their Google Classrooms as well as school grade-level Google Classrooms. In addition, we send surveys directly to the students to capture their input on our recent strategic planning process for the district.

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.

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 36 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 students 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)
AA2	*Upgrade wireless network with a brokered network as a service partner including collapsing to a single SSID.*	*CIO, Vendor Partner*	*completed by Aug 1, 2022*	*Erate KETS General Fund Federal Program Grant School-based Other*	*$5000*	*Usage increases by 50% and devices connected increases by 20% per day.*
AA1	Maintain high-speed fiber access with a minimum of 10 GB connectivity to all district schools.	District CIO, Network Engineer, LG Fiber	Completed 2006	General Fund	$26,400.00	- Reduced downtime - Quick repairs of reported network outages - Adequate bandwidth for internet usage - Using Lightspeed Analytics
AA2	Maintain 1GB bandwidth to Nichols Elementary and Spring Meadows Children's Home	CIO, Spectrum Business	Continuation	General Fund, Erate	$4,000.00	- Reduced downtime - Adequate bandwidth for internet usage
AA3	Plan and replace high-speed Wireless Access to all district facilities using current industry standards	Tech Team, Network Engineer, Step CG	Continuation	General Fund, Erate, KETS	$150,000	- Reduced work order for wireless issues - Survey results (Student Voice)
AA4	Begin installing replacement classroom equipment	Tech Team, School leader, STC's	Continuation	General, KETS	$50,000	- Evaluation by classroom observations - DLC assistance - Principal Walkthroughs

AA5	Maintain 1:1 Chromebook initiative for grades K-12	Tech Team	Continuation	CARES, KETS	CARES for 2022 & 23	• Lease Agreements
AA6	Support the use of G-Suite for anytime/anywhere access to the storage of files.	CIO, Tech Team, DLCs	Continuation	N/A	N/A	• Increased usage of Google Suite across ALL stakeholders
AA7	Continue to support Equitrac software to reduce printing costs and reduce paper usage	Tech team, ProSource, Network Administrator	Continuation	General Fund	$18796.18	• Reduce consumable cost as reflected in the Technology Activity Report (TAR)
AA8	Continue to seek services that provide cloud based access and are fully functional on Chromebooks	CIO, Technology Staff	Continuation	General Fund	N/A	• Reduction of software that must be installed on local servers
AA9	Continue to provide and support GoGuardian software for increased control over student devices during class, and increasing teacher/student collaboration	CIO, DLC	Continuation from 2018-19	General fund Chromebook fees	$21,000.00	• Teacher satisfaction surveys • Observation of usage • GoGuardian Reporting
AA10	Evaluate continuation of Microsoft Licensing and MS Defender	CIO	Continuation	General Fund	$90k	• Access to desktop computers and other Microsoft products used by the district
AA11	Maintain district Student Information System (Infinite Campus)	CIO, Tammy Tomes	Continuation	General Fund	$88k	• Accessibility to district student information for all teachers and administrative staff

AA12	Maintain district website hosting and site through Schoolpointe software	CIO, DLCs	Continuation	General Fund	$10,500.00	• Ease of use for district webmasters and increased presence for parents and the community
AA13	Maintain agreement with Tyler Technologies (MUNIS) for financial system software and support	CIO Lisa Lewis	6/30/20	General Fund	$42,000.00	• PO • Usage of the software
AA14	Support for STLP programs for the district, with travel and supplies	CIO	6/30/20	General Fund	$4,500.00	• PO's • Increased participation
AA15	Maintenance related items for fiber, pole rental, Datacenter UPS and AC emergency pole repairs, telephone maintenance and computer repairs	CIO	6/30/20	General Fund	$71,780.00	• PO's • Uptime for all critical services
AI-1	Plan for reasonable network drops to support educational need	CIO, network team, Business Cabling	As needs arise	General Fund	$10,000.00	• Through work order requests • Deem necessary per request
AI-2	Upgrade aging teacher devices to become more mobile	CIO, Tech Team	As needs arise	General Fund, KETS funds	$150K	• Evaluation of devices through the annual KDE Digital Readiness survey.
AI-3	Replace aging projectors and whiteboards with interactive displays	CIO, Technical staff	Continuation	General Fund, KETS funds	$50,000	• Usage observations • Order tracking, number of purchases

AI-4	Continue to support virtual learning and distance learning strategies.	CIO, DLC, District Technology Staff	All year	General Fund	$5,000.00	• Learning Plans • Observations • Provide Technology to meet the learning styles of students.

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)
AA1	Monitor and locate vulnerabilities that need to be addressed, maintain software licensing for analysis.	CIO, Network Engineer	Continuation	General	$10k	• Reports showing data on vulnerabilities and comparing to baseline reports.
AA2	Password safety training through Safe Schools	CIO, Director of Safe Schools	Continuation	N/A	N/A	• Completion of training through Safe Schools site. • Information from password change by June 30th, 2021
AA3	Maintain and improve vendor level agreements for student data security. Require more documentation from all software requests to ensure data privacy is addressed	DTC/CIO	Continuation	General Fund	N/A	• List of vendors will be produced with meaningful data, so enforcement can be made to hold vendors accountable for a loss.
AA4	Continue to collect information on who has access to sensitive data, we will be in a better position to train those users on proper procedures for data security practices.	DTC/CIO and DLC, Director of Special Education	Continuation	General Fund	N/A	• Audits of systems, showing user access rights. • Reviewing access rights
AA5	Continue implementation and support district level structuring visitor scanning	School Safety Coordinat	Continuation	SBDM Safe School KETS	10,000.00	• School visitor logs

	software and notification system.	or and CIO				
AI-1	Seek software to streamline and automate the onboarding and termination process.	LAN/WAN Engineer	Continuation	General Fund	NA	• Continue developing automated processes to reduce human errors with user account management
AI-2	By providing Digital Citizenship training, internet filtering, enforcing appropriate use and continuing to restrict inappropriate material under CIPA, we are encouraging students to become responsible internet users.	School Admin, STCs, CIO, DLC, and/or LMS	Continuation	General Fund	N/A	• Customized Internet reporting tools distributed to all school STC's and Principals for monitoring of their school's internet activity, job-embedded PD on safe searching.
AI-3	Provide Internet filtering to maintain compliance with the Children's Internet Protection Act (CIPA).	CIO, Network Engineer, Tech Team	Continuation	KDE Shared Services	0	• Observation and management, system logs if necessary
AI-4	Install and maintain camera systems and monitoring systems for school campuses.	Tech Team, CIO, School Leadership	Continuation	General	$65K	• School leadership feedback • Number and nature of incidents
AI-5	Continue to install updated master controls for school security systems.	CIO, Tech Team, School Safety	Continuation	General, School Safety Grant	$20K	• Authorized user access • Remote Access • Alarms used responsibly

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*)

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 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

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)
AA1	Maintain standard for technology offering and be cost effective despite any budget shortfalls.	Tech Team, Finance Director, Superintendent	Continuation, allocated by June	General Budget	N/A	• Tech activity reporting, observation
AI-1	Look for ways to reduce expenditures of printing	CIO, Tech Team, Finance Dept	Continuation	General	$0	• Usage, data collection

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

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)
AA1	Increased CTE Dual Credit Offerings through JCTC, Look at potential apprenticeships (Includes but not limited to the Diesel Mechanics and Aviation Maintenance Programs)	Lee Barger, HS Principals	Continuation	Perkins, KETS	$26,000	• Increased student enrollment and pathway completion numbers • Certifications earned
AA2	Business and Industry Partnerships	College and Career Teachers, CTE Teachers, Chamber Of Commerce	Continuation	N/A	0	• Continued partnerships and successful preparation for career or college • Certifications earned
AA3	Naviance - Career guidance tool for students	Adrienne Usher Lee Barger	Continuation	Jim Beam Suntory Funding	$35,090.82	• Reports
AI-1	Develop needs assessment for Community Workforce, including tech skills	Lee Barger, Chamber of Commerce	TBD	Various sources	N/A	• Identify jobs where employment opportunities exist, and determine the skills needed by students to fill those positions.
AI-2	Increase usage of Laser Engravers for engineering programs	CTE Teachers, Lee Barger	Continuation	Perkins		• Real world project opportunities, which could increase student interest.

AI-3	Expand Aviation program to include an emphasis of Drones	Lee Barger, Darrell Vincent	Continuation		• Certifications earned, job placement in transition from high school

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)
AA1	Increase interest in Computer Science programs	School Tech Personnel, DLC, Counselors, Coaches, CS Teachers	Continuation	General		• Increased student enrollment in computer science courses • Increased computer science classes offered
AA2	Provide access to online assessment tools (CASE, Edgenuity, ACT) that allow teachers and administrators to assess student learning, provide timely feedback to students and make curriculum decisions.	Tech Team, SLD, DLCs, CCR, DAC, BACs	Continuation	General Fund	N/A	• Academic Achievement Reports • Google Classroom - providing timely feedback to students • CTL Planning - curriculum and pacing guide evaluation and monitoring
AA3	Continue to provide equitable access to digital learning through available means	SLD, DLCs, Tech Team	Continuation	General Fund	N/A	• Collaborative effort from Tech Team and Student Learning Department • Documentation from Readiness Survey
AA4	Continue effort to provide components of interactive classroom technologies.	CIO, Tech Team, DLCs	Continuation	General	N/A	• Increased student engagement, differentiated instruction and mobile learning. • Monitored through observations and eleot data

AA5	Continue to provide technology tools to students to facilitate differentiated and personalized curriculum (like CASE, Rosetta Stone, and Edgenuity) allowing a more student-centered learning environment.	DLCs, Coaches, Counselors, Content Teachers,	Continuation	General Fund	CASE $114,075.00 Edgenuity-$154,500.00	• Students will become active producers rather than passive consumers. • Academic growth, KPREP, CFA and MAP score growth • Monthly monitoring reports
AA6	Continue Credit Recovery Programming. Programs that students follow to specifically meet their educational needs.	SLD, Content Teachers, DLCs, Tech Team	Continuation	General	N/A	• Credit Recovery engagement • Increase of graduation rate, academic growth
AI-1	Identify digital content and tools (curriculum, instruction and assessment) designed to have the highest impact and value, including frequency of use by teachers and students.	DLC	Continuation	General Fund	N/A	• Observations • Student Products • DLC Implementation Calendar (classroom lessons, modeling and teacher trainings)
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.	DLC, CTE Teachers, Content Teachers, Instructional Coaches, Counselors	Continuation	General Fund	N/A	• Increased student enrollment in computer science courses • Increased computer science classes offered in CTE centers • Achieved Certifications, Developmental Progress through Formative Assessments

AI-3	Implement keyboarding opportunities for all students by the time they enter the 3rd grand.	CIO, DLC's, ICs, LMS	Continuation	Local School Funds	$500.00	• Increased keyboarding skills (typing, keyboard awareness, Chromebook and Microsoft skills assessments) for K-PREP/ACT Assessments • Learning Plans, Pacing Guides and Curriculum Maps
AI-4	Continue to develop and implement technology rich curriculum into the classroom and CTE Program.	Assistant Supt. for Learning, Instructional Staff, DLC, DTC/CIO	Continuation	District Funds, Grant Funds and Local School Funds	N/A	• Develop student engagement that will encourage the proper use of available technology. • Observations, walkthroughs, learning plans, student achievement.

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)
AA1	Continue building a culture of digital collaboration and connected digital relationships among teachers to support and encourage the use of digital tools by staff for professional learning.	All Staff	Continuation	District and local funds	N/A	• Data from the Professional Learning Tracking Application
AA2	District Participation in Digital Learning Professional Development Opportunities like our	DLCs, SLD, Tech Team, School Admin	Continuation	General Fund	N/A	• Classroom Observations • Learning/Lesson Plans

	district Digital Learning Academy, DLC Cadre, KYGoDigital, IFL (Fayette Co) among multiple learning opportunities through OVEC.					
AI-1	Provide district with input and guidance to determine learning needs of staff that would result in more professional learning opportunities	CIO, DLCs, SLD, Instructional Coaches	Continuation	District and Local Funding	NA	• Monitoring of Professional Learning opportunities through DLC or District Calendars, PL Tracker • Observations, Eleot data on integration
AI-2	Develop a needs assessment related to PL opportunities that will align with KY Education Technology Standards.	CIO, DLCs, SLD	Continuation	District and Local Funding	NA	• PL data (PL Track) • District Calendars • Observe Integration in the classroom, Eleot
AI-3	Provide virtual/distance learning opportunities throughout the school year	DLC	Continuation	District and Local Funding	N/A	• Monitoring through online learning achievement mechanism (Google Form, etc.). • Observe integration in classroom instruction through ELEOT

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)
AA1	Support the development and ongoing progress of the Bullitt Virtual Learning Academy (BVLA), Maintain LMS	CIO, SLD, Instructional Coaches, School Admin	Ongoing	General, ESSER	NA	• Observation • Learning objectives progress • Standard based scale
AI-1	Maintain 1:1 Program so we can provide digital learning opportunities such as the BVLA	CIO, Tech Team, DLCs	Ongoing	KETS, General, Chrome Fund	Lease Docs	• Program Continuation • Stakeholder Voice • Observation