

DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Adair County School District

LOCATION Columbia, KY 42728

PLAN YEAR(S) 2021-2022



www.adair.kyschools.us

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Planning Team

District Staff [Recommended to include CIO/DTC, TIS/DLC, technician, finance officer, superintendent, academic officer, DAC, etc.]	
Jason Rector, DTC/CIO	Dr. Pamela Stephens, Superintendent
Anthony Watkins, Network Engineer	Phyllis Curry, Academic Dean
Dylan Claiborne, District Technician	Rena Smith, CFO
Building Staff [Recommended to included principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Sarah Burton, ACPC STC/CRT	Carl Shirley, ACHS Innovative Pathways
Alice Curry, ACES STC/Teacher	Sommer Brown, ACES Principal
Sarah Antle, ACMS STC/STLP Coordinator	Debbie Bradshaw, ACPC Principal
Jennifer Myers, ACHS STC/LMS	Rodney Morgeson, ACHS Principal
Jamie Hawkins, ACMS CRT	Troy Young, ACHS Principal
Teresa Giles, ACHS Computer Science Teacher	Margaret Harden, ACHS Computer Lab Technician
Robin Loy, Career Readiness Coordinator	Ann Young, ACHS Counselor
Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]	
Alma Rich, Federal Programs Coordinator	John Shelley, Title 1 Director
Wesley Irvin, Exceptional Education Director	Troy Grider, Board Member
Students [Recommended to include middle and/or high school students]	
Brayden Rainwater, ACHS Student (Tech Dept Intern)	James Winfrey, ACHS Student

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

[Anita Kassem, Parent](#)

[Miranda Rainwater, Parent](#)

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 goals were met?

Continued ongoing goals were met. The Adair County Schools successfully provided the digital learning tools (devices and programs) needed for success in the classroom both in person and virtually with the support integrating 1:1 technology for student instruction. Google Classroom was the primary method for students to use for virtual instruction. The district network and WiFi fully supported all instructional and administrative activities. All schools continue to have active STLP organizations. Various Teachers and Administrators continued in Google online training through the online Google Teacher Center in both Educator Level 1 and 2 certifications.

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

Providing (a) best practices for technology integration to all teachers; and (b) Microsoft Office 365 training. While technology integration strategies were shared with teachers throughout the school year, there is a need for this to be done on a continuous basis. More Microsoft training should be conducted and not solely focus on Google as in previous years to provide a more robust ability to Teachers to use Technology both efficient but also effective in daily class instruction. Technology is an effective tool for content delivery and it should be integrated and not seen as a separate, additional task. Technology integration training at all levels (beginner to advanced) is a continuous need as we strive to provide our students with the best educational experience allowing all to achieve at high levels.

Areas of improvement?

Our district went full 1:1 technology devices for students and provides increased access to the wealth of cloud-based programs that are available within our district. This provides teachers with a greater capacity to differentiate instruction to reinforce and teach new concepts and to monitor progress for intervention or acceleration.

Areas/goals that are no longer relevant?

Upon evaluating various Management Software products for Chromebooks, the assurance of longevity of funding to sustain continuation of the products after purchase the first year could not be assured, therefore a decision was made to remove that as an anticipated goal.

Needs that emerged after evaluation of the previous plan?

The greatest need is to ensure that the wealth of digital learning tools (hardware and cloud-based programs) that are available are being used to their fullest capacity for the maximum impact on student achievement, including college and career readiness. There is a need to purchase additional devices and replace those reaching the end of life as we continue the 1:1 student to device ratio for all grade levels. Funding is an ongoing need as we strive to

sustain the successful programs that are already in place, replace outdated equipment, and to seek new tools to meet instructional needs. There is an ongoing need for staff development as new strategies and tools are introduced. If district funding would allow, being able to establish a Digital Learning Coach position (formally known as Technology Resource Teacher) could help improve Teacher/Student effective teaching/learning strategies and train Teachers on efficient technology skills to be used in their classes with instructional resources.

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?

The overall plan for the Adair County School District is set forth in the Comprehensive District Improvement Plan (CDIP). Stakeholders collaborate to devise this plan for our district, which includes technology and the implementation of digital learning tools. The technology plan was developed in support of the activities and strategies included in the CDIP and expands upon those to create an all encompassing technology plan that supports all aspects of technology throughout the district. The 2020-2021 technology plan was considered. Feedback was sought from the technology planning team.

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 majority of activities set forth in this plan are a continuation of the successful strategies that have been implemented in past years. We will continue to provide a robust network environment with a refresh of core network equipment in our schools and to provide support necessary to maintain the network environment. During the 2021 school year we filed through e-rate to seek funds toward upgrading/replacing our wireless infrastructure during the 2022 school year. We will continue to maximize the use of all digital learning tools available to us and to ensure that teachers are provided the necessary training to successfully implement those tools. We will continue to purchase instructional devices for our students toward continuing 1:1 student to device ratio. We will continue to use proven cloud-based learning resources that are research-based and aligned to curriculum standards for differentiating instruction and ensuring content mastery for our students. Plans are to continue purchasing teacher computers for ones reaching end of life and repurposing old teacher computers when available for use where needed (support staff, classroom student computers, or lab settings). We will continue to provide equitable access to the technology resources needed to meet the instructional and administrative needs of our staff and students. We will continue our districtwide copier lease and centralized printing to copiers. We will strive to continue matching KETS Offers and seek all funding sources in support of this plan. We will continue to build partnerships with the community, higher education, and parents as we strive to provide our students with the best education possible with a successful transition to college and/or career path. All students will be provided the opportunity to participate in STLP activities at school and in regional and state events. We will assure implementation of the new Computer Science and Technology standards and provide training for teachers on the new standards as needed. MAP and CERT will be used to assess content mastery 3 times a year. All students in K-12 will complete digital portfolios and all students in grades 6-12 will complete digital Individual Learning Plans (ILPs) within an online platform created in Google Sites. All teachers will be provided training on the new digital learning portfolio platform as needed. District and school technology leaders will attend various meetings, conferences and participate in webcasts to keep abreast of hot topics and new strategies for utilizing

digital learning tools and disseminate information to appropriate staff. Technology professional development will be provided as needed and may include one-on-one, small group, large group, or online sessions. High school students will continue to participate in online college courses for credit or dual-credit with flexible schedules and/or CHIEF nation, which allows them to obtain experience working in their chosen career path, as long as core curriculum requirements are met. The activities outlined in this plan build upon each other to allow us to meet the diverse learning needs of our students, preparing them for college and/or career readiness and ultimately success in life.

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.

We currently use Speak Up for collecting Student Voice responses.

The Student Voice responses are still being collected until May 28, 2021 and therefore have not been used to reflect strategies for this year's Technology 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)
AA-2	Upgrade wireless network districtwide with awarded service partner and refresh outdated district router core devices for faster, more dependable and enhanced network connectivity as e-rate funding permits.	DTC-CIO, Vendor Partner	completed by Nov 2022	Erate KETS General Fund PreSchool Funds School-based Other	\$184,833.05 Erate 85% \$32,617.60 Local	Usage increase for 1:1 devices and other Instructional devices daily while still allowing BYOD devices when necessary for instructional purposes.
AI-1	The district will continue to purchase Chromebooks and iPads in continuance of 1:1 student to device ratio throughout the district as needed for maintaining fleet.	DTC-CIO Title I Director Spec. Ed. Director	Completed by June 30, 2022	KETS Title I IDEA-B Perkins Other Funds	\$95,000.00	Technology Activity report will reflect an increase in student devices for replacing older devices in the fleet.
AI-1	The district will permit "Bring Your Own Device" (BYOD) in addition to 1:1 towards providing mobile learning environments for anytime/anywhere learning.	Classroom Teachers	Ongoing	N/A	\$0	Increased access to technology resources in the classroom will provide students with an individual learning approach for increased student achievement as evidenced on formative and summative assessments.
AA-4	Cloud-based programs will continue to be used for administrative and instructional purposes to support the operation of our district and instruction of our students. (MUNIS, Infinite	DTC-CIO Network Engineer District & School Admins	Continued use through June 30, 2022	General Funds	\$80,000	Increased productivity and efficiency in business operations as reflected in a decreased turn around time for requests and increased student productivity toward meeting instructional goals in the classroom as reflected in

	Campus, Schoolpointe, Sherpadesk, Microsoft, Google Apps for Education, Clever, Follett Destiny, AR, etc.)					student assessments.
AA-3	WiFi access points will continue to be utilized by students on school busses for research and school work completion.	DTC-CIO Network Engineer Trans. Director	Ongoing	General Fund	\$3,728.40 (7 Buses & 3 Mobile)	Network reports reflect WiFi usage on school busses each day.
AA-2	The district will continue to provide in-house technology support, maintenance, and device repairs for all locations and staff throughout the school district.	DTC-CIO Network Engineer District Technicians	Ongoing	General Fund	\$12,000.00	Timely technology support, maintenance and device repairs will result in increased availability to technology resources as required for instructional success in the classroom and administrative tasks as measured by technology support logs.
AA-1	The district will continue to provide high-speed connections between schools and beyond.	DTC-CIO Network Engineer KETS Team	Ongoing	KETS E-Rate Ed Tech Funds (State)	\$100,000.00	Access to high-quality, fast and dependable network/internet connection will result in increased access to online instructional resources with 99% uptime as measured by KETS reports.
AA-2	The district will continue to provide all schools with equitable access to telecommunications (local and long distance), Internet/network access (fiber, WiFi, and network components) and	DTC-CIO	Ongoing	KETS E-Rate General Fund Title 1 IDEA-B KETS Perkins	\$21,653.46 Gen. Fund	Telecommunications, Internet/network access, and instructional technology will be utilized in classrooms/schools for improved communications, instructional opportunities, and student achievement, as measured by phone bills, E-Rate

	instructional technology resources (hardware & cloud-based programs) through participation in the e-rate program, federal, state and local technology fund sources.					documentation, and purchase orders.
AA-2	Replace multi-media projectors as needed with either bulbless projectors or Interactive Boards.	DTC-CIO STCs Title 1 Director Spec. Ed. Director Principals	Ongoing	KETS Title 1 IDEA-B Allocated	\$47,720.00	Classroom projectors or Interactive Boards are used in daily classroom instruction to increase access to technology resources and advance student participation and learning with instruction. Evidenced by classroom observations and teacher lesson plans.
AA-2	District technology staff will reimage and repurpose old teacher computers for student or support staff use when necessary	DTC-CIO Network Engineer District Technicians	By June 2022	N/A	\$0	Old teacher computers will be utilized to increase access to upgraded technology resources as evidenced by inventory records and classroom observations.
AA-2	The district will continue at minimum the current level of district technology support staff (DTC/CIO, Network Engineer, Lead Technician, 2 Assistant Technician)	Supt. Board Members DTC-CIO	Ongoing	General Fund	\$160,000.00	Ample technology support staff is required to ensure equitable access to operable technology necessary to complete administrative and instructional tasks for increased productivity and performance in the classroom as evidenced by technology work orders and classroom observations.
AA-1	The district will continue to	DTC-CIO	Ongoing	N/A	\$0	Due diligence with monitoring

	utilize a proxy server to block inappropriate websites and to monitor internet activity for safe internet use. All inappropriate activity will be reported to the student's Principal or employee's supervisor for disciplinary action.	Network Engineer			(Covered by KDE at this time)	internet activity and blocking inappropriate websites will ensure that our staff and students have the most secure environment possible for utilizing the internet at school, as verified by proxy logs and disciplinary reports.
AA-1	The district will continue to provide anti-virus protection and firewall to maintain a stable and robust network environment	DTC-CIO Network Engineer	Ongoing	N/A	\$0 (Covered by KDE at this time)	Antivirus and firewall protection are required to maintain a secure and robust network environment to prevent malicious attacks for increased uptime as verified by KETS reports.
AA-2	Update/Modify sound system connections in Primary Center classrooms for more dependable connectivity as funding permits.	DTC-CIO Network Engineer District Technicians STC	By August 2021	KETS General Fund	\$1,000.00	Current sound system wiring has become dilapidated and un-dependable. District determined an in-house solution to be cost effective in longevity usage with existing hardware by minor modifications of configuration.



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)
AI-1	The DTC/CIO and/or Network Engineer will update the school board and disseminate information to staff regarding the district's data management policy and data breach guidelines and educate them on best practices for data security.	DTC-CIO Network Engineer STCs Principals	By August 2022	N/A	\$0	An increased awareness of data security policies will result in no data breach occurrences during the school year.
AI-1	The district will identify all data sets (student and staff information) within the school district and the person responsible for each data set.	DTC-CIO Dean of Students (DPP) Academic Dean	By September 2022	N/A	\$0	Formal identification of the person(s) responsible for each data set in the district will result in increased accuracy and security of all staff and student data.
AA-5	The DTC/CIO with assistance from STCs will provide teachers with instructional resources to provide students with internet safety and digital citizenship skills while encouraging them to incorporate lessons throughout the year (Common Sense Media & Digital Driver's License).	DTC-CIO STCs	By August 2022	No Funds Required	\$0	Increased integration of digital citizenship/internet safety lessons will result in increased student safety online with less discipline issues as evidenced by disciplinary reports.
AA-1	Provide parents with access to IC Parent Portal to help	Dean of Students	Annually	N/A	\$0	Help decrease the number of manual entry updates by

	review and keep updated their household information including contacts.					school/district staff. Help keep information current.
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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)
AI-2	This district will continue its districtwide copier lease, printing to copiers and evaluating printer purchases on a case-by-case basis.	DTC-CIO Principals All Staff	Ongoing	General Fund School-based Allocated	\$139,290.72	Cost analysis of printing to copiers as opposed to printers will reflect significant cost savings for printing costs.
AI-2	The DTC/CIO with assistance from STCs and a district trainer will provide PD on the paperless classroom and encourage teachers to try this when feasible.	DTC-CIO STCs District Trainer	By October 2022	General Fund	\$150.00	Encouraging teachers to utilize paperless classroom strategies will result in increased cost savings that may be used for devices or other necessary expenses as measured by purchase records.
AA-3	The DTC/CIO will continue to collaborate with all program administrators and seek all funding sources, including local, state, federal, and other grants to ensure that the instructional technology needs are met throughout the district.	DTC-CIO Program Admins	Ongoing	No additional funds required	\$0	An awareness of all instructional technology needs and all possible funding sources in collaboration with all program administrators will help to ensure that instructional needs are met for all students as reflected in test scores and KETS reports.
AI-1	The district will ensure that all technology roles are	DTC-CIO Supt.	By October 2022	No additional funds required	\$0	The instructional and administrative technology needs of

	being met by reviewing guidance from KDE regarding the people-side of technology and identifying the person in charge of each role. If vacant roles are found, work with the Superintendent to ensure needs for the district are met best as possible with funding available.					our district will be best met and the use of technology will be maximized when the people-side of technology is fully addressed as evidenced by job descriptions.
AA-3	The Board will match all KETS Offers of Assistance as received during the 2021-2022 school year.	Supt. School Board DTC-CIO	As Offers Are Received	General Fund KETS	\$40,000.00 (Estimated as KETS Offers unknown at this time)	KETS funds are needed to purchase additional and replace outdated technology devices and network components for enhanced instructional activities and technology proficiency throughout the district, as verified by the budget, purchase and inventory records, classroom observations, and lesson plans.
AA-3	Funds will be allocated for technology needs, maintenance, repairs, and equipment replacement as needed throughout the school year.	DTC-CIO Supt Finance Director	By July 2022	General Fund KETS	\$20,000.00	The technology budget will ensure funding is available to purchase necessary items to maintain operable equipment as confirmed by technology budget and purchase records.
AA-4	District plans to migrate from on-prem server based edition to cloud based version of EStub system connected with MUNIS.	DTC-CIO CFO Vendor Partner	By July 2023	General Fund	\$3,000.00	This would allow the district to eliminate outdated server based system currently still in operation and replace it with more modern cloud based methods.

AA-4	Provide parents with access to IC Online Registration (OLR) for parents to enroll their child(ren) and electronically submit district forms as may be required.	Dean of Students	KDE provided funding for 2 year period and would have to be reviewed to see if District will maintain afterward annually	General Fund	\$7,500.00	Electronic online registration was provided by KDE beginning the FY 2020-21 school year for parents to enroll their students virtually due to COVID. This method saved the district monies from having to produce paper based versions of enrollment packets.
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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 (<i>districts, vendors, higher-education, regional cooperatives</i>)
 AA-2	Continue to utilize avenues of communication with shareholders allowing pertinent information and dialog to further student learning efforts (<i>Webcasts, BrightBytes, Technology Activity Report, KETS Service Desk, Office of Education Accountability studies, independent studies, etc.</i>)
 AA-3	Continue to utilize tools engaging postsecondary institutions, community members, districts and families in student learning and life after K-12 (<i>eTranscripts, School Report Card and Dashboard tool, Infinite Campus parent and student portal, KDE Open House, Digital Readiness Survey</i>)
 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)
AA-1	Partner with local law enforcement, family resource/youth services centers, and other experts in the field to provide a community-wide Internet Safety event in an effort to promote online safety for our students by educating parents and the community.	DTC-CIO Network Engineer SROs	By October 2022	General Fund FRC/YSC Title 1	\$500.00	Sign-in sheets and agendas will show participation and content. Disciplinary reports will reflect a decrease in violations of the school district's AUP as parents become more aware of what their children have access to and might be doing online.
AA-3	ACHS will continue to partner with area colleges (LWC, CU, SCC, and WKU) to provide high school students with post-secondary opportunities, such as dual-credit or post-secondary courses (online and face-to-face), to meet their diverse learning interests and needs.	Academic Dean ACHS Counselors CCR Counselor Innovative Pathways Coordinator	Ongoing	N/A	\$0	Access to post-secondary educational opportunities while in high school will prepare students for their college experience, increase student achievement, and meet their diverse learning needs, as measured by participation logs and test scores.
AA-3	ACHS will continue CHIEF (Completing High School in an Early Format) Nation, an innovative program at ACHS that partners with area businesses to allow career-oriented students who complete high school course	Academic Dean ACHS Counselors CCR Counselor	Ongoing	N/A	\$0	Career-oriented students that have met all high school requirements will gain experience in their chosen field prior to leaving high school, as measured by job performance evaluations.

	requirements by the end of the fall semester with the opportunity to work in their desired career fields.					
AA-2	Teachers will maintain up-to-date online classrooms, including learning targets for increased communications with parents and students regarding classroom expectations, events, assignments, and resources necessary for student success at school.	DTC-CIO Principals Classroom Teachers	Ongoing	No additional cost required	\$0	The teacher online classroom/website will provide students and parents with relevant information and resources that are needed for increased student preparedness and achievement as reflected on formative and summative assessments.
AA-2	District and school staff will maintain an up-to-date, districtwide web presence with relevant information and calendar regarding all aspects of our school district via SchoolPointe web-hosted service.	DTC-CIO Admins Principals Webmasters Teachers	Ongoing	General Fund	\$10,202.00 annually after 2021 integration of notification system	District, school, and classroom websites provide staff, students, parents, and the community with an increased awareness and involvement with the instructional process and school activities as evidenced by website review and participation logs of school events.
AA-2	The district will migrate to a notification system to communicate with parents and local news outlets all pertinent information including school attendance, events, closings, and emergencies.	Supt DTC-CIO Principals	By July 2021	General Fund	\$750.00 Integration fee to migrate with Schoolpointe Website Services	Utilization of a notification system will strengthen communications between home and school for increased preparedness and participation for success in the school setting as evidenced by attendance records and participation logs.
AA-1	The District Technology Committee consisting of all	DTC-CIO	By June 2022	N/A	\$0	Collaboration with all stakeholders will allow us to best meet the

	stakeholders will meet once per year and communicate (electronically and/or face to face) to gain input, increase transparency, and improve communication regarding the state of technology in our district.					instructional needs of our students for increased student success as evidenced by Digital Readiness Survey and test scores.
AA-1	The District Technology Office has developed and set up a Technology Training Lab in its datacenter for usage of providing Professional Development Training.	District and School Technology Staff	Ongoing	General Fund	\$0	Repurposed student desktop computers from classrooms since purchase of Student 1:1 devices to develop a training lab for partnering education in Community Training opportunities.



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 (<i>based on International Society for Technology in Education standards</i>) 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 (<i>online formative assessment tools, interim based assessments, and summative assessments</i>)
 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-2	District and school leadership will promote STLP for all students and provide technology enrichment activities at each school with the expectation that all schools will participate in various regional and state	DTC-CIO Principals STLP Coordinators	Ongoing	General Fund	\$3000.00 (Includes STLP Coordinator Stipends)	Student STLP participation logs and success at regional and state events will reflect increased participation with the ultimate goal of increasing technology skills and confidence for these students.

	STLP events.					
AA-3	The K-12 Computer Science Standards and Technology/Digital Literacy Content Standards will be promoted by disseminating information to all stakeholders (teachers, students, parents, community) and providing support to those who need assistance with implementing the new standards.	DTC-CIO Instructional Supervisor STCs	By October 2022	N/A	\$0	An increased awareness of the new standards will help to ensure student mastery of the standards as measured by formative and summative assessments.
AA-1 AA-5	Schools will continue to utilize cloud-based instructional programs for credit recovery and content reinforcement/mastery to provide individualized learning opportunities. (Odysseyware, ALEKS, Study Island, iReady, Moby Max, Lexia, WinLearning, AR, Exact Path, Reading Plus, and others).	Classroom Teachers	Ongoing	Title 1 KETS General Fund	\$75,000.00	Student performance on classroom and state assessments will increase as a result of utilizing these research-based instructional programs as measured by test scores.
AA-4	MAP (Measure of Academic Progress) and CERT will be used three times per year to assess content mastery.	Academic Dean Principals Counselors CRTs Teachers	Ongoing	General Fund	\$30,000.00	MAP and CERT testing will provide a means for teachers and administrators to track progress and target academic needs of individual students for increased student proficiency on state assessments.

AI-2	"Girls Who Code" will be introduced at all schools and student participation will be encouraged.	DTC-CIO STCs STLP Coordinators	By October 2022	N/A	\$0	"Girls Who Code" will provide students with the opportunity to boost confidence and deepen their computer science skills for success in the classroom and in post-secondary life (college or career).
A1-3	The district will successfully implement all required state online assessments.	DTC-CIO Network Engineer Academic Dean Counselors Teachers	May 2022	N/A	\$0	All (100%) students will be assessed according to guidelines set forth by KDE during their K-12 educational experience.
AA-5	All K-12 classrooms will be provided with access to Microsoft Office 365 suite, Google Apps for Education (GAFE), and instructional apps (managed by Mosyle) to support instruction.	DTC-CIO Network Engineer	Ongoing	KETS Title 1 IDEA-B General Fund	\$15,000.00	Usage reports (Microsoft, Google Analytics, and Mosyle) will reflect an increased usage of apps.
AA-1	Equal access to instructional digital content that is aligned to Kentucky's academic standards and digital learning guidelines will provide content enrichment to ensure student success.	DTC-CIO	Ongoing	No additional cost	\$0	Digital content provides immediate feedback to the teacher and student regarding mastery of curriculum standards and ensures content mastery for increased student success in the classroom, as measured by test scores.
AA-4	K-12 students will utilize digital portfolios within Google Sites for writing and other student work to show	Academic Dean DTC-CIO CRTs	Ongoing	N/A	\$0	The online digital portfolio completed in Google will follow the student through his/her K-12 educational experience and will

	academic progress until graduation.	Classroom Teachers				demonstrate student progress as assessed by the teacher within the online Google platform.
AA-4	Individual Learning Plans (ILP) for grades 6-12 will be completed and stored online on a digital platform (Google Sites).	Academic Dean DTC-CIO CRTs Classroom Teachers	Ongoing	N/A	\$0	The ILP will provide students with the opportunity to explore interests necessary for success in school and after graduation as is evident by work completed and assessed by the teacher.
AA-4	The EOP Assessment (formally KOSSA) test will be administered online to determine the proficiency of career and technical education students in their respective career pathway.	Counselors CTE Coordinators & Teachers	By May 2022	Perkins	\$1000	EOP Assessment (formally KOSSA) test scores will provide evidence of student mastery in their chosen career pathway for college and career readiness.
AA-4	Teachers will utilize GradeCam, student response systems, and/or other technology applications (Kahoot, etc.) for an immediate measure of student progress toward content mastery.	Classroom Teachers	Ongoing	N/A	\$0 (Current technology hardware resources will be used)	Teachers will gain an immediate awareness of student mastery of content that will allow them to reteach concepts as needed. Student achievement will increase as measured on formative and summative assessments.
AI-1	Teachers will continue to incorporate blended learning classroom models for content delivery when feasible.	Classroom Teachers	Ongoing	N/A	\$0	The flipped classroom model allows students to utilize digital learning tools to meet their individual learning styles and needs for increased student achievement as measured by lesson plans, classroom observations, and formative and

						summative assessments throughout the year.
AI-1	All students will have the district's AUP explained to them and will receive grade-specific instruction regarding online safety, including social networking and cyberbullying, digital citizenship and digital etiquette during the first week of school.	DTC-CIO STCs Classroom Teachers	By August 13, 2022	N/A	\$0	Increased student awareness of acceptable use, digital citizenship, and digital etiquette will encourage appropriate online behavior and will decrease acceptable use policy violations for increased online safety at school and home as measured by lesson plans, signed AUP forms, participation logs, and disciplinary reports.
AA-1 AA-5	Chromebooks and iPads will be used for anytime, anywhere personalized learning for all students.	Classroom Teachers	Ongoing	N/A	\$0 (Teachers will maximize use of digital learning tools provided to them.)	Chromebooks and iPads provide access to content-specific and grade-appropriate content to address the diverse learning needs of our students, including remediation and acceleration, as measured by formative and summative assessments throughout the school year.
AA-1 AA-5	Computer labs will be used as needed for whole class digital learning projects and online assessment.	Classroom Teachers	Ongoing	N/A	\$0	Students will use computers for research and create products that demonstrate comprehension of content and technology literacy.
AA-5	Interactive projectors and whiteboards will be used, where available.	Classroom Teachers	Ongoing	N/A	\$0	Interactive learning opportunities provide students with the opportunity to demonstrate their knowledge and teachers with immediate feedback for increased student achievement as reflected

						on classroom assessments and test scores.
AA-5	Each school will continue to use Follett Destiny online library management system to provide students, parents, and staff with access to a 21st century library environment.	DTC-CIO LMS	Ongoing	General Fund	\$7,686.24	Students will have access to a 21st century online learning environment that is aligned to core academic standards for increased student literacy and achievement as measured by test scores.



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)
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AI-1	The DTC/CIO will survey teachers regarding their need for professional learning opportunities related to digital learning tools.	DTC-CIO	Annually by May	N/A	\$0	Survey results will be analyzed and taken into consideration when planning PD for digital learning. Participation logs, lesson plans, and classroom observation will reflect the effective utilization of the new technology skills learned.
AA-1	Staff will be trained in the use of the new digital portfolio platform that was created in Google for K-12 students.	Academic Dean CRTs	By August 2022	N/A	\$0	Teachers and administrators will become familiar with the new digital portfolio process and capable of assisting students and assessing student work within Google Sites as confirmed by sign-in sheets, agenda, and reviewing individual student portfolio entries.
AA-1	Ongoing professional development activities will be provided for staff in various modes (job-embedded, small group, large group, or online) to address the needs outlined in professional growth plans and the digital learning tools survey.	DTC-CIO Academic Dean STCs	Ongoing	General Fund Title 1 (Many provided by district staff at no charge.)	\$3000.00	Staff participation in need-based, high-quality technology professional development will increase proficiency in technology and result in more effective integration of technology in classrooms throughout the district as evidenced by classroom observation and lesson plans.
AI-1	District and school technology staff will attend relevant meetings, regional, state, and/or national conferences, such as KySTE, STLP, and ISTE and participate in OET webcasts	DTC-CIO Network Engineer District Technicians STCs STLP	Ongoing	General Fund Title 1 Funds	\$5,000.00	Increased proficiency in current trends and instructional strategies and the ability to network with peers from other districts in Kentucky and throughout the nation will result in a wealth of new ideas and strategies for

	and virtual meetings to keep abreast of hot topics and new strategies for implementing digital learning tools in the classroom and disseminate information throughout district.	Coordinators				meeting the instructional needs of students, as evidenced by certificates of attendance, sign-in sheets, participation logs, and agendas and reflected in lesson plans and classroom observations.
AI-1	The District Technology Office has developed and set up a Technology Training Lab in it's datacenter for usage of providing Professional Development Training.	District and School Technology Staff	Ongoing	General Fund	\$0	Repurposed student desktop computers from classrooms since purchase of Student 1:1 devices to develop a training lab for Administrators and Staff.



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) 



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)
AI-1	Through the use of mobile devices, digital content, and the district's robust wireless network, classrooms will be transformed into personalized, anytime/anywhere learning environments that foster each student's diverse learning needs and style.	DTC-CIO Network Engineer CRTs Teachers	Ongoing	N/A	\$0	Classroom observations and lesson plans will reflect the use of digital learning tools in the classroom while student mastery of concepts will improve as measured by formative and summative assessments.
AA-1	Students will be allowed to participate in high quality online/virtual courses according to instructional need (college and/or career readiness path) and with approval by school administration.	Academic Dean Counselors CCR	Ongoing	N/A	\$0	Demonstration of student success and mastery will be reflected in both course and state assessments.
AI-1	Staff will use Google or Microsoft tools to collaborate online on various projects.	All Staff	Ongoing	N/A	\$0	Online collaboration tools foster anytime, anywhere access for a more productive workflow.