

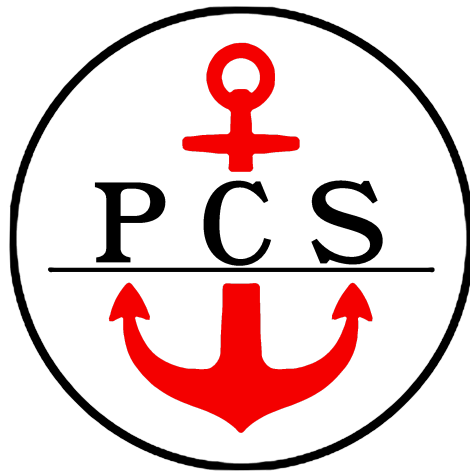
Kentucky Education Technology System

DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Powell County Schools

LOCATION Stanton, KY

PLAN YEAR(S) 2022-2025



www.powell.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.]	
Gina Kinser, CIO	Nelson Benton, Network Engineer
Sarah Wasson, Superintendent	John Crowe, Lead Technician
Dr. Stacy Linn, Supervisor of Instruction	Jonathan Hall, Technician
Alicia Frazier, CFO	Dr. Anthony Orr, Superintendent
Building Staff [Recommended to include principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Crystal Neal, Media Specialist, STC	
Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]	
Dr. Jennifer Kincaid, HS Principal- HR Director	
Students [Recommended to include middle and/or high school students]	
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?

2021-22

We were able to successfully move the district to 100% 1 to 1 with student devices. We were able to successfully move all high stakes testing to online delivery. Staff has implemented Google Suite tools including Google Classroom, Google Sheets, Google Docs, and more across the district.

2022-23

We successfully upgraded **ALL** teacher's classroom technology with chromeboxes, 24" monitors, Litetouch interactive panels, document cameras, wireless keyboards and mice, and chromebooks.

We successfully installed wifi on all buses.

We were able to install and put into production a new inventory and help desk system.

We successfully upgraded our core bank of switches on the network.

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

Which strategies are dropping off the plan because you've met them or they aren't relevant now ?

Needs that emerged after evaluation of the previous year's strategies?

2021-22

With the 1 to 1 initiative and implementation, students now have easier access to the internet. This has caused some undesired outcomes including chatting through documents, email harassment, etc. We now need to implement a monitoring system to alert key staff of inappropriate communications.

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?

Remote learning forced us into an environment we had desired (1 to 1 devices for students), but we were unable to accomplish due to funding. ESSER funding allowed us to accomplish this. Since we had to implement so many things so quickly, we now need to step back and optimize the environment. We used what we have learned this year to shape our plan.

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.

Now that the 1 to 1 student device rollout is complete, we need to do several things:

- 1) Implement an inventory system to track devices
- 2) Implement a helpdesk system that will track repairs
- 3) Implement a system to monitor student technology behavior
- 4) Build up the wireless infrastructure to more efficiently handle the increase in devices

It is also time to upgrade/replace the network switches for the district, including the core.

All of these activities will ensure an effective, safe learning environment for our students and staff.

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)?

No, but we will be looking into BrightBytes, a product used by several districts in the state.

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 (<i>also including home access, Wi-Fi buses, school and classroom Wi-Fi, etc.</i>)
 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 (<i>fewer traditional computer labs</i>)

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-3	Continue to maintain all <u>wireless</u> equipment in all buildings to maintain and promote a robust network (full utilization of eRate Cat 2 dollars)	CIO, Network Engineer	7/1/2022-6/30/2025	Erate; KETS; ESSER	\$10,000	Network activity reporting and wireless surveying.
AA-3	Maintain <u>wired</u> network infrastructure to support all facets of district needs, including desktop access, printing, security, voice, and other essential services for students, teachers, and administrative needs.	CIO, Network Engineer	7/1/2022-6/30/2025	KETS; General Fund	\$5000	Network activity reporting; Reduced network downtime; Reduced network related work orders.
AA-1	Upgrade core switch to <u>current generation technology.</u>	CIO, Network Engineer	12/31/2022	Erate; KETS	\$43,976 ERate (\$37,379.60, KETS \$6596.40)	Switches will be successfully upgraded and tested.
AA-2	Continued installation of <u>new interactive boards; removal of projectors and aging interactive boards.</u>	CIO, Technicians	7/1/2022-6/30/2025	ESSER	\$430,000	Increased usage of classroom technology; training of teachers.
AA-4	Continue to seek services that provide cloud based access and are fully functional on Chromebooks.	CIO, Supervisor of Instruction	7/1/2022-6/30/2025	KETS; General Fund; ESSER	Various	Less services will be added to data servers; services will be moved from servers to the cloud.
AI-1	Reduce the need for desktop computer labs.	CIO	7/1/2022-6/30/2025	N/A	N/A	Lab areas will be repurposed. PC's will be retired.
AA-2	Replace aging switches and	CIO,	6/30/2023	Erate; KETS	\$200,652.75	Switches will be successfully

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	network infrastructure at our data center and district schools to provide increased backbone connectivity and reliability.	Network Engineer			(Erate \$170,554.85 ; KETS \$30,097.91)	upgraded and tested.
AA-2	Move all district user data storage to Google Drive cloud based storage, so district can decommission and replace aging SAN .	CIO, Network Engineer	7/1/2022-6/30/2025	N/A	N/A	All data will be moved to the cloud and the SAN will be decommissioned.
AA-2	Continue to provide students and teachers with technical support for devices used for instruction.	CIO, Network Engineer, Technicians, DLC	7/1/2022-6/30/2025	General Fund, ESSER	\$3000/yr	Tickets will be tracked and resolved through One-to-One Plus software.
AA-2	Replacement of end of life data servers and district technician workstations.	CIO, Network Engineer, Technicians	6/30/2023	KETS	\$45,000	Servers will be successfully upgraded and tested. Workstations will be installed.
AA-2	Continue to ensure high availability of network resources and coverage throughout campus by adding additional wireless coverage and switching equipment.	CIO, Network Engineer	7/1/2022-6/30/2025	Erate; KETS	\$150,000	Fewer bottleneck work orders will be received.
AA-2	Improve district policies and procedures to streamline the repair process.	CIO, Network Engineer, Technicians	7/1/2022-6/30/2025	N/A	N/A	Tickets will be tracked and resolved through One-to-One Plus software.
AA-2	Track and analyze data from One-to-One Plus system to improve stakeholder's service.	CIO, Network Engineer, Technicians	12/31/2022	N/A	N/A	Tickets will be tracked and resolved through One-to-One Plus software. Inventory will also be tracked with the software.
AA-1	Prepare and secure fiber lease approval from Board of	CIO, CFO	Each year in February	Erate; General Fund	\$91,200/yr (Erate	Board will approve ongoing lease each year. We will start in year 3

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	Education, board attorney, and KDE for district WAN.				\$82,080; General Fund \$9120)	of 5 this year.
AA-2	Maintain software licensing for all servers and workstations.	CIO, CFO	7/1/2022-6/30/2025	KETS; General Fund; ESSER	\$14,000/yr	Licenses will be renewed each year.
AA-2	Backup all data servers and provide current warranty/software/maintenance renewals. Backup of Google data.	CIO, Network Engineer	7/1/2022-6/30/2025	KETS; ESSER	\$3000/yr	Backup reports will be verified.
AA-3	Install Wifi on all school buses	CIO, Network Engineer	12/31/2022	ECF	\$116,000	Routers will be successfully installed and tested.
AA-2	Continue Microsoft Licensing A3 agreement.	CIO, CFO	7/1/2022-6/30/2025	ESSER; General Fund	\$14,000/yr	Licenses will be maintained.
AA-2	Continue Google Workspace for Education Plus agreement.	CIO, CFO	7/1/2022-6/30/2025	ESSER; General Fund	\$7000/yr	Licenses will be maintained.










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 (<i>Infinite Campus, Early Warning, MUNIS, eTranscripts, School Report Card</i>)
 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 (<i>acceptable use policies, firewall updates, data privacy studies, digital citizenship, content filtering</i>)
 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 (<i>annual auditors, TELL survey, Technology Activity Report, Digital Readiness, Data Quality Study, Data Quality Campaign, BrightBytes, SpeakUp</i>)
 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 (<i>Infinite Campus, Early Warning, School Report Card, MUNIS</i>)
 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 (<i>The People Side of EdTech</i>)
 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	Continued efforts to improve single sign-on for all users and applications. Also increased usage of multi-factor authentication (MFA) for all admin level staff.	CIO, Network Engineer	7/1/2022-6/30/2025	N/A	N/A	MFA will be implemented/forced for key staff.
AA-1	Continue a clear entry/exit protocol for employees and students as they enter and leave the system (enabling/disabling, maintain security, etc)	CIO, Network Engineer	7/1/2022-6/30/2025	N/A	N/A	Instances of network security breaches, compromises
AA-3	Continue to complete and utilize the Impact Kentucky (Working Conditions Survey), TAR, DRR, SRC, and investigate viability of BrightBytes for technology surveying.	CIO; DLC	7/1/2022-6/30/2025	N/A	N/A	Data will be shared with admin staff.
AA-2	Ensure access policies and procedures provide secure access to all data across district.	CIO, Network Engineer, DLC	7/1/2022-6/30/2025	N/A	N/A	A review and update of access policies and procedures.
AA-5	Continue/refine the process for software approval focusing on data privacy and security	CIO, Network Engineer	7/1/2022-6/30/2025	N/A	N/A	Process in place for software approval including a list of vetted software which can be used by teachers/students.
AA-1	Continue to refine our policies	CIO,	7/1/2022-	N/A	N/A	Process in place requesting,

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	and procedures as it relates to assigning permissions to critical systems such as MUNIS, Infinite Campus, and other applications that contain sensitive data.	Network Engineer	6/30/2025			approving and applying permissions when needed to secure sensitive information
AA-1	Improve Digital Citizenship instruction throughout district by implementing Digital Driver's License for middle and high & uniform curriculum for elementary	CIO; DLC	6/30/2023	General Fund	Unknown at this time	Number of students who successfully pass DDL
AA-1	Use data from surveys to improve technology department effectiveness	CIO, Network Engineer, Technicians; DLC	6/30/2023			Survey results over a 3 year period.
AA-1	Use Data (annual auditors, Technology Activity Report, Digital Readiness, SpeakUp, etc) to evaluate ROI and impact of Instructional tools.	CIO; DLC	7/1/2022-6/30/2025	N/A	N/A	Data will show the usage of tools in regards to engagement and return in investment.
AA-3	Scan district network to monitor and locate vulnerabilities that need to be addressed, maintain software licensing for analysis.	CIO, Network Engineer	6/30/2024	ESSER	\$20,000	Reporting that will show our current vulnerabilities, and comparing to baseline reports.
AA-2	Provide Internet filtering to maintain compliance with the Children's Internet Protection Act (CIPA).	CIO, Network Engineer	7/1/2022-6/30/2025	N/A	N/A	Logs of access control system and observation
AA-2	Digital safety of students has become a larger concern due to 1 to 1 devices. Implement a program/service to alert key individuals of situations that	CIO, Network Engineer, DLC	6/30/2025	ESSER	Unknown at this time	Use data program to assess effectiveness of the tool.

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	need to be addressed.					
AA-1	Full security audit of connected systems--IC, MUNIS, AD--for stale or abandoned accounts	CIO, Network Engineer	6/30/2023	N/A	N/A	Reduction of unnecessary access and accounts
AA-1 AA-2	All students (grades K-12) will utilize a personal account to login to computers/resources. Maintain and monitor student email/user accounts.	CIO, Network Engineer	7/1/2022- 6/30/2025	N/A	N/A	Data logs. Password changes. Automated creation of accounts after student is enrolled/unenrolled in IC to maintain consistency and validity.
AA-2	Design and implement a new comprehensive disaster recovery plan for the district.	CIO, Network Engineer	6/30/2025	N/A	N/A	Provide assurance to leadership and the Board of Education that the district can continue to conduct its business in the event of catastrophic damage to one or more district facilities, a targeted cyberattack against network infrastructure, or other failure of telecommunications services.
AI-2	Annual BOE update by August 31 of each school year	CIO	8/31/2022, 8/31/2023	N/A	N/A	Presentations will be made by August 31 of each year.












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 (<i>ex. Accounting for cost of ownership over the lifespan of equipment so monies are allocated for repairs/upgrades</i>)
 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 (<i>e.g. Internet consumption</i>) while maximizing education technology programs and initiatives (<i>Technology Need, E-rate</i>)
 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 (<i>Infinite Campus, Early Warning, School Report Card, MUNIS</i>)
 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 (<i>The People side of K-12 EdTech</i>)
 AI-2	Make districts aware of how to reduce expenditures on printing/print services (<i>both in consolidated contract pricing as well as shifting from paper to digital experiences</i>)
 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)
AA-2	Collaborate with the Director of Finance, Superintendent, and Board of education to plan for ongoing refresh of all EdTech resources. The cost of the annual 1:1 device refresh is moved from a capital expenditure to an annual operational expense.	CIO, Admin Team	7/1/2022-6/30/2025	ESSER, General Fund, KETS	Unknown at this time	A long term plan will be developed and shared with admin.
AA-1 AA-2	Continue to leverage Erate funds for eligible services as needed by the district. This can decrease the district's financial responsibility by approximately 85-90% saving the district hundreds of thousands each year. Continue eRate planning cycle and Category 2 5-year strategic planning to include infrastructure upgrades in all buildings over time.	CIO	7/1/2022-6/30/2025	Erate; KETS	Unknown at this time.	Erate will be applied for for various networking needs each year.
AI-1	At least once yearly, have a summary technology report for the Board of Education, to update on the people side as well as resource management	CIO; DLC	Annually	N/A	N/A	Presentations will be made annually.
AA-2	Communicate or share current computing device inventory with school level decision makers to assist in the school technology	CIO; DLC	Annually	N/A	N/A	Communication will be made annually.



	purchasing plan, including maintenance for current devices and purchases for future needs.					
AI-2	Educate and remind administrators on the cost of printing based services vs embracing digital content.	CIO; DLC	Annually	N/A	N/A	Communication will be made annually.
AI-4	Utilize usage data of programs and processes to see which educational technology investments are or are not being maximized. Use usage and growth data from district funded instructional resources to measure adoption and implementation success and determine the effectiveness of these resources.	CIO, Network Engineer; DLC	6/30/2024	KETS; General Fund	\$2000	Service/program will be purchased and implemented to track these items.








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 AA-3	Transition Web Hosting Service from Schoolpointe to Finals site	CIO; Technician	12/31/2022	KETS	\$3000/yr	Website will be operational by deadline.
AA-1	Support STLP at all schools.	CIO; DLC	7/1/2022-6/30/2025	General Fund	\$4000/yr	STLP Coaches will be paid a stipend of \$800/year to oversee clubs and will attend Regional and State Competitions.
AA-1	Support STC's at all schools.	CIO; DLC	7/1/2022-6/30/2025	General Fund	\$5000/yr	STCs will be paid a stipend of \$1000/year to handle minor technical issues at their respective schools through help desk ticketing system.
AA-1	All members of the Technology Department will attend the KYSTE conference.	CIO, Network Engineer, Technicians; DLC	Annually	KETS	\$4000/yr	Technology staff members will attend conferences and will share information with the team.
AA-2	Publish Tech Plan highlights to web, local paper, and social media	CIO	7/1/2022-6/30/2025	N/A	N/A	Information will be updated by various staff members.
AA-1	Continue to utilize learning networks to build capacity (webcasts, DLC meetings, State and Regional CIO meetings)	CIO, Network Engineer, STC's, Technicians; DLC	7/1/2022-6/30/2025	KETS	\$700/yr	Attendance will be verified and information will be shared with key staff.
AA-1	Increase number of teachers/admins participating in trainings, KYSTE, etc.	CIO	Annually	General Fund	\$4000/yr	Additional staff members will be included in KYSTE. Possibly STCs.











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 (<i>empowering students through technology with STLP, IT Academy, etc.</i>)
 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-4 AI-3	Determine hardware needs and provide support for all online testing.	CIO, Network Engineer, Technicians, STC's	Annually	N/A	N/A	Online testing will be successful.
AA-1	Online programming delivered via wireless and hardwired clients, both district- and student-owned, will allow students to follow programs tailored specifically to meet their individual learning needs. Provide equitable classroom access to digital instructional materials.	CIO, Supervisor of Instruction, DLC	7/1/2022-6/30/2025	N/A	N/A	Students can engage in credit recovery, dual credit or take courses not offered in the standard curriculum without usual restrictions of a standard schedule. Graduation rate increase, increase KOSSA scores, academic growth.
AA-2 AA-4 AI-1	Teachers will have continued access to Google Suite tools including Classroom, Docs, Sheets, Forms, and Slides. Google Team Drive will allow for resource sharing among staff. Renaissance Learning, Reading Plus, and Lexia are all examples the staff may use for enrichment. Google Forms can assist teachers in providing timely feedback to students. Stakeholders will use this information to make curriculum decisions.	CIO, Network Engineer, DLC	7/1/2022-6/30/2025	N/A	N/A	Survey of effectiveness; usage data from programs; assessment data



AA-2 AA-4 AI-1	Students will have continued access to Google Suite tools including Classroom, Docs, Sheets, Forms, and Slides. Renaissance Learning, Reading Plus, and Lexia are all examples the staff may use for enrichment. Google Classroom will provide a centralized location for the students to access information from their teachers.		7/1/2022-6/30/2025	N/A	N/A	Survey of effectiveness; usage data from programs; assessment data
AI-1	As our device numbers have shifted to a 1:1 environment, pd opportunities will be available to help teach teachers to use cloud-based digital lesson delivery in order to be successful in a 1:1 blended/flipped classroom. As we continue on our 1:1 initiative, professional development will be personalized accordingly.	CIO, Network Engineer, Technicians, STC's, DLC	7/1/2022-6/30/2025	N/A	N/A	Growth in the number of teachers and students using cloud-based digital lesson delivery as determined by data obtained from said service, from Google Admin console, etc.
AA-4	Work with DAC and BACs to improve confidence of online testing and eliminate fears of failure	CIO; DLC	7/1/2022-6/30/2025	N/A	N/A	Online testing will be successful each year.



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)
AI-1	Offer 24/7 access to a wide variety of online training opportunities so teachers can personalize their professional learning	CIO; DLC (Digital Learning Coach)	6/30/2024	N/A	N/A	Numbers of teachers completing individualized coursework for professional development credit.
AI-1	Develop opportunities for micro-credentialing with incentives for participation, particularly Google Suite Tools	CIO; DLC	6/30/2024	General Fund	\$700/yr	Number of technology related PD hours completed by staff
AA-1	Continue building a culture of digital collaboration and connected digital relationships that allow	CIO; Admins; DLC	7/1/2022-6/30/2025	N/A	N/A	Data obtained from Google Admin console.

	administrators to support and encourage the use of digital tools by staff for professional learning.					
AI-1	Encourage staff-led Teach the Teacher style trainings attended by administration and faculty .	CIO; Admins; DLC	6/30/2025	General Fund (PD)	\$700/yr	Increased participation in tailored PD, increased support from staff regarding PD choices



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)
	Provide training opportunities for teachers to create “pre-designed” Google Classrooms they can then implement with their students.	CIO; DLC	6/30/2025	General Fund (PD)	\$700/yr	Numbers of students completing asynchronous courses using Google.
	Continue to utilize Odysseyware (or similar product determined by Supervisor of Instruction) courses for non-traditional students/situations	CIO; Supervisor of Instruction	7/1/2022-6/30/2025	General Fund	\$24,000/yr	Systemwide reports of completion of assigned materials