

**WOODFORD COUNTY BOARD OF EDUCATION
AGENDA ITEM**

ITEM #: **DATE:** March 4, 2024

TOPIC/TITLE: Approve WCPS Technology Plan for 2026-2028

PRESENTER: Josh Rayburn

ORIGIN:

TOPIC PRESENTED FOR INFORMATION ONLY (No board action required.)
ACTION REQUESTED AT THIS MEETING
ITEM IS ON THE CONSENT AGENDA FOR APPROVAL
ACTION REQUESTED AT FUTURE MEETING: (DATE)
BOARD REVIEW REQUIRED BY

STATE OR FEDERAL LAW OR REGULATION
BOARD OF EDUCATION POLICY
OTHER:

PREVIOUS REVIEW, DISCUSSION OR ACTION:

NO PREVIOUS BOARD REVIEW, DISCUSSION OR ACTION
PREVIOUS REVIEW OR ACTION

DATE:
ACTION:

BACKGROUND INFORMATION:

Kentucky school districts are required by state regulations to submit a technology plan for board and KDE approval.

SUMMARY OF MAJOR ELEMENTS:

The WCPS technology plan spans 2 years and is updated annually and covers the areas of network infrastructure, data security, resources, partnerships, digital curriculum & instruction, leadership, professional learning, and use of space and time.

IMPACT ON RESOURCES: No changes to the budget.

TIMETABLE FOR FURTHER REVIEW OR ACTION: NA

SUPERINTENDENT'S RECOMMENDATION: Recommended Not Recommended

Yoni Jones

DISTRICT NAME Woodford County Public Schools

LOCATION Versailles, KY

PLAN YEAR(S) 2026-2029



woodford.kyschools.us

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Planning Team

District Staff [Recommended to include CIO/DTC, DLC, technician, finance officer, superintendent, academic officer, DAC, etc.]	
Lori Jones, Superintendent	Josh Rayburn, CIO/DTC, COO
Ryan Asher, CAO	Jason Gribbins, CFO
Garet Wells, Assistant Superintendent	Tracey Francis, Director of Special Education
Susan Tracy, Director of Student Achievement/ DAC	Scott Hundley, Coor. Curriculum, Instruction, & Assessment
LaShannon Stratton, District SIS Coordinator	Loretta Warner, Network Administrator
Liz Pitcher, Systems Analyst	Sandy Adams, DLC
Erica Snow, DLC	Lisa Slama, Administrative Assistant (Operations)

Building Staff [Recommended to include principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Tyler Reed, HS Principal	Rebecca Preston, MS Principal
Joe Albert, Simmons Principal	Paige Samples, Southside Principal
Ryan Wilson, Hunteertown Principal	Robin Taylor, Northside Principal

Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]	
Logan Culbertson, Coordinator of Alternative Programs	Kim Johnson, Director of District-Wide Programs
Elaine Bailey, Public Communications Officer	

Students [Recommended to include middle and/or high school students]	
Faith Ann Davis, HS Student	Laney Davis, MS Student
Shade Rayburn, MS Student	Griffin Rayburn, MS Student

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?

Data Security: Our proactive security posture has transitioned from implementation to a culture of vigilance. The universal adoption of multi-factor authentication and continuous phishing simulations has effectively neutralized the majority of external threats. Staff continue to be trained to think before clicking on links.

Infrastructure & Logistics: The Chromebook lifecycle management program has matured, ensuring student "uptime" remains at an all-time high. Devices are returning to students and lasting longer for the district.

Operational Efficiency: We have successfully digitized many workflows administratively for the district. Moving from paper-based workflows to searchable digital archives has not only reclaimed physical space but has significantly decreased response times for record retrieval and parent communication.

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

The Challenge: While our systems are running smoothly, we found that a "one-size-fits-all" approach to training didn't quite hit the mark for everyone. Teachers have different comfort levels and unique classroom needs that a general workshop can't always cover.

The Adjustment: This year, we're moving toward personalized learning paths. Instead of everyone sitting through the same session, we're adapting training that is specific to grade level and subject.

Next Steps: We would like to move beyond teachers for technology training and assist our classified staff members in more training to help them support classroom teachers.

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

We haven't removed many objectives because our core initiatives are multi-year journeys. Instead of "dropping" strategies, we have refined their metrics to ensure we are constantly chasing the horizon of evolving educational technology and emerging technology.

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

The previous year's evaluation made one thing clear: our hardware is ready, now our "human-ware" needs the same investment. Our emerging priority is Instructional Innovation. This means moving beyond "using a computer" toward "transforming learning" through:

Curated best-practice sharing across schools.

Empowering "Teacher Tech Leads" to model high-level integration.

Focusing on student-centered creation rather than just digital consumption.

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?

Throughout the year, we've built this plan through a series of ongoing discussions. This included regular monthly check-ins with the administration, which kept us aligned with broader goals. Additionally, weekly HIVE meetings provided a forum to share department updates and identify cross-cutting themes. Finally, on-demand meetings allowed us to delve deeper into specific topics as they arose. We also utilized our Student Technology Leadership Program and Technology Student Association students for assistance in developing 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.

This year, we are prioritizing several key infrastructure and security upgrades designed to create a more seamless and reliable learning environment. By refreshing teacher devices and upgrading our network switch hardware, we are strengthening the district's infrastructure to ensure that high-speed connectivity and modern software are always available in the classroom. These improvements directly support curriculum integration by removing technical "friction," allowing educators to focus on instruction rather than troubleshooting slow hardware. Additionally, the implementation of Rapid Identity will streamline the login process for students and staff, significantly increasing instructional time and teaching essential digital identity management skills that are vital for long-term technology literacy.

To ensure our digital workspace remains resilient, we are also rolling out enhanced antivirus measures alongside these hardware updates. This multi-layered approach to security protects sensitive data while providing a practical framework for staff professional development centered on cyber-hygiene and best practices. Collectively, these activities move us beyond just maintaining equipment; they provide the stable, secure, and high-performing foundation necessary for teachers to innovate and for students to engage deeply with their digital curriculum.

Student Voice

Personalized 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)?

In place of traditional surveys, we utilize real-time data to shape the student experience. By capturing home connectivity needs during enrollment and monitoring active engagement through our Learning Management System, we gain an authentic look at how students interact with our digital tools. This data-driven approach, paired with direct feedback from the classroom, allows us to make responsive, evidence-based improvements to our technology plan.

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 or informed strategy adjustments during an ongoing plan.

To capture the true spirit of innovation, we have shifted from static surveys to a "continuous feedback loop" involving Student Technology Forums and the Superintendent's Advisory HIVEs. This approach moves beyond simply asking if the tools work and instead focuses on how technology can better spark student creativity and agency. During these dialogues, a clear vision emerged: students want to transition from being digital consumers to digital creators. They specifically identified the need for more open, collaborative spaces where they can solve real-world problems alongside their peers.

KETS Master Plan Areas of Emphasis

Connected to the Future Ready Framework

The Future Ready Framework identifies eight Gears to assist districts in developing a roadmap for student success through personalized student learning and collaborative leadership. The KETS Master Plan has identified 44 Areas of Emphasis connected to the Future Ready Framework and are categorized as either 1) *Acceleration Area (AA)* or 2) *Growth Opportunity Area (GO)*. The “acceleration areas” are considered big wins, successes, and major milestones of the KETS are identified for continuation work. The “growth opportunity areas” address improvement targets for the Master Plan.

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 44 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.



Collaborative Leadership

Future Ready Gear

KETS GUIDING PRINCIPLE – Collaborative leadership creates a shared vision of digital teaching and learning, an environment of collaboration (where partners make stuff together), encourages embracing innovation and empowerment, and a culture of evidence-based systems and processes.

Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)



AA-1

Continue to use structures providing opportunities for feedback from shareholders and evidence of how KETS systems and processes are working or not working (360 feedback, CIO Summit)



AA-2

Continue the fostering of strategic partnerships and collaborations among educational institutions, technology companies, policymakers, and community organizations. Develop networks that facilitate knowledge exchange, collaborative research, and resource-sharing to promote innovation and address common challenges in education technology.



AA-3

Continue the recognition and support for the crucial role of teachers as leaders in educational technology integration. Provide professional learning opportunities and resources that enable teachers to develop expertise in leveraging technology to enhance instruction and student engagement.



GO-1

Improve collaboration among educators, technologists, administrators, and researchers to foster a holistic approach to education technology development, implementation, and evaluation. Encourage open channels of communication and provide platforms for sharing best practices, ideas, and resources across different disciplines and institutions.

DISTRICT TECHNOLOGY PLAN

Your District Name

KETS AA or GO	Strategy/Action Item	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
GO-1	Develop an online platform for educators, administrators, and staff to share best practices, ideas, and resources in a collaborative environment. This platform could include forums, discussion boards, and document sharing capabilities.	District Admin, School Admin, Teacher Leaders	2026-2027 School Year	General Fund-Technology (50%) General Fund-C&I Budget (50%)	~\$5,000 Stipends for extended duties	Monitor user activity on the online platform. Conduct surveys to gauge user satisfaction with the platform's functionality and value as a communication tool.
GO-1	Promote collaboration between Schools, Curriculum and Instruction, and Technology. Encourage educators to pilot new technologies and provide feedback to inform product development.	District Admin, School Admin, Teacher Leaders	Currently Operational	No Cost	\$0	Track the number of successful collaborations between schools and educational technology companies. Monitor the impact of educator feedback on product development processes.
GO-1	Invest in technology tools that facilitate collaboration, such as online project management platforms, video conferencing software, and collaborative document editing tools	CIO, CDW-G Partners, KDE	Currently Operational	General Funds-Technology (100%)	~\$20,000 (Google)	Ensure all stakeholders have access to the necessary technology tools to participate effectively in collaborative activities.
AA-3	Continue the Technology and Innovation Academy to promote teachers using and excelling in Digital Learning and support teachers through professional development	District Admin, School Admin, Teacher Leaders	Currently Operational	General Fund-Technology (50%) General Fund-C&I Budget (50%)	~\$10,000 Subs and Stipends for extended duties	Creating of a digital learning hub, teacher workshops, student presentations, participant feedback
GO-1	Establish quarterly check-ins with School Technology	Network Admin,	26-27 school year	No cost	\$0	Stipend provided for the STC position.

	Coordinators to align our infrastructure with classroom innovation and ensure our tech initiatives remain responsive to student and teacher needs	Systems Analyst, Computer Technician				
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Robust Infrastructure & Ecosystem

Future Ready Gear

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

Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)



AA-1

Continue to provide nation’s first, fastest, highest quality, and most reliable and secure 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 provide digital equity and foster a culture of digital connectedness for students and staff by ensuring access to a 1:1 device assignment, prioritizing mobile devices over traditional computer labs, and providing consistent Wi-Fi coverage throughout schools. This approach emphasizes always-on, everywhere seamless digital opportunity and access, and includes an emphasis on empowering schools/districts to have a full understanding of digital access beyond the campus



AA-4

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



AA-5

Continue to implement efficient and effective interoperability strategies with statewide, districts, and schools EdTech systems and platforms (including integrations and seamless data exchange). Interoperability strategies aim to enhance user experiences and drive administrative efficiencies with education technologies.



GO-1

Improve responsive EdTech support systems by securing leadership positions designed to make decisions to improve teaching and learning through technology integration. This role outlines the district's vision for education technology, implements digital learning strategies, and ensures that technology resources align with students' learning needs. Responsibilities and expectations are primarily focused on understanding the educational needs and challenges of the district with a "seat at the table." Responsibilities would likely include influencing district-level budget conversations, leading planning efforts, research, procuring state and federal program funding, and establishing overall direction and vision of using technology for school efficiencies and instruction/learning.



GO-2

Improve formal cycles for review, refresh, and replacement - ensure upgrades, additions, and when called for, sunseting/eliminations in a timely, environmentally responsible and proactive manner of devices, infrastructure, and digital tools and resources. Where possible, teams make concerted efforts to automate systems to drive effectiveness and efficiency. (This is also connected to budget gear)

KETS AA or GO	Strategy/Action Items	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-1	Delivery of digital services to all staff and students by maintaining the following wired services: A robust fiber WAN providing 10 GB non-shared direct connections to each building from the Central Office. Providing at least 1 GB non-shared direct connections to staff and student wired devices and wireless access points in each building.	CIO, Network Administrator, Fortinet or Extreme Networks, WAN Vendor Metronet, LAN Vendor	LAN Network equipment replacement rotation is annual utilizing E-Rate funding.	E-Rate (70%) KETS (25%) General Fund-Technology Budget (5%)	\$180,000	WAN network monitoring reports verifying uptime. Configuration and validation of all wired network switching equipment, and wired network reports showing speed of each connection, with periodic connection testing to validate the quality of the network connectivity and end-user experience.
AA-1	Delivery of digital services to all staff and students by maintaining the following wireless services: robust fully-dense wireless coverage in each building consisting of wireless access points in each classroom capable of 30-40 wireless clients, plus sufficient wireless coverage in common spaces to provide each building with a seamless wireless experience.	CIO, Network Administrator, Fortinet or Extreme Networks, WAN Vendor Metronet, LAN Vendor	LAN Network has been in place for many years but requires new equipment annually purchased on a rotation plan to meet the continuous upgrade needs.	E-Rate (70%) KETS (25%) General Fund-Technology Budget (5%)	\$80,000	Configuration and validation of wireless network controllers and access points. Wireless network monitoring reports verifying connectivity of all access points and clients. Periodic wireless surveys to validate the quality of the signal, network connectivity, and end-user experience. Feedback is also provided from school staff through the school tech and district administration meetings.
GO-2	Maintain our robust 1:1 implementation of instructional devices in all classrooms K-12. Implement the district-wide student device rotation plan (~1,000	CIO, School Principals, District Program Leads	Rotation occurs every year. The 1:1 program purchases three grade levels (3rd, 7th, 10th grade) each year and	General Fund-Technology Device Budget (85%) 1:1 Instructional Fees (10%) KETS (5%)	\$400,000	Purchase Orders, Monthly District Administration Meetings, Asset Inventory and Management, Rotation Plan, and observations.

DISTRICT TECHNOLOGY PLAN

Your District Name

	devices). Staff and lab computers will be replaced at a rate of 15-25% district-wide per year.		replace second grade with new devices every four years (1 school per year).			
AA-2	Maintaining Interactive Flat Panels in all classrooms throughout the district.	CIO, School Principals, CAO	Currently operational	KETS or School Budget (100%)	\$15,000	Room Inventory Surveys and Room Audits conducted throughout the year, Purchase Orders, Communication between Administration
GO-1	Continue structuring instructional technology and support through Chief Information Officer, Digital Learning Coaches (2), Systems Analyst, and Curriculum and Instruction to provide instructional support and coaching related to technology	CIO, School Principals, CAO, Digital Learning Coaches (2)	Currently Operational	General Fund (100%)	Staffing Costs ~\$250,000	PLC meetings, Monthly District Administration Meetings, Monthly Technology Meetings, Job Logs, Professional Development opportunities
AA-2	Maintain our communication systems which include phones, the parent communication service (ParentSquare), FirstNet mobile service, website, and social media.	CIO, CFO, Network Administrator, Communication Officer	Currently Operational	General Fund-Technology Budget (95%) General Fund Accounts for FirstNet Phones (5%)	~\$50,000	Purchase Orders, ParentSquare statistics, website stats
AA-2	Guided by our motto, "Legacy of Excellence, Future of Opportunity," we are rebranding our digital presence and modernizing our communication systems to better amplify our district's story	Superintendent, COO, CFO, Communications	26-27 School Year	No cost for the website and digital footprint as we have these services already	\$0	
AA-3	Update our AT&T Mi-Fi devices to qualified students without home internet	CIO, FRYSC, Network	Currently operational	General Fund-Technology Device Budget	~\$25,000	Monitoring device usages, FRYSC assessments, feedback from family and staff

DISTRICT TECHNOLOGY PLAN

Your District Name

	availability to ensure equitable access to digital learning and communication even while away from school.	Administrator		(100%)		
AA-4	District facilitation of purchases of online programs to work toward consistency and access among schools. Use of Clever for rostering and single sign-on for as many options as possible. Standardizing on Canvas as the district Learning Management System for all secondary students.	CIO, CAO, Digital Learning Coaches, Curriculum Leads, School Principals, Systems Analyst	Currently operational	Depending on the software: KETS, 1:1 Instructional Fees, General Fund-C&I Budget General Fund-Technology Budget Title Budgets	~\$150,000	Data monitoring, Monthly District Administration Meetings, teacher feedback, and assessing effectiveness in the alignment to curriculum goals.
AA-5	Utilize District Computer Technicians and add an additional District Computer Technician to support district needs, repairing Chromebooks, Special Education	CIO, Technology Staff	Currently operational	General Fund	~\$200,000	Technology ticketing system, monthly technology meetings
AA-5	Bring more student workers to work in helpdesk/technology repair center to help maintain and repair student Chromebooks	CIO, Technology Staff	Revisit for the 26-27 school year	General Fund	~\$6,000/ Student Worker	Review student repairs/technician repairs, Review/Monitor tickets through online ticket systems
AA-3	Transition from on-premises Active Directory to a fully cloud-based identity solution to provide staff and students with more secure, flexible, and streamlined access to digital resources from any location.	CIO, Technology Staff	26-27 school year	General Fund	Cost unknown as we are currently searching for solutions	
GO-2	Continue to streamline our hardware fleet by reducing	CIO, Technology	26-28 school year(s)	General Fund	~\$50,000	Feedback Ticketing system

	the number of Windows machines, allowing us to optimize our budget and focus antivirus resources on our most critical instructional endpoints	Staff				
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Data Security, Safety, Privacy & Use

Future Ready Gear

KETS GUIDING PRINCIPLE – Strategic use of student data is a cornerstone of digital learning and must be done securely, safely, and with a focus on maintaining privacy. Laws, policies, and procedures are enacted at the federal, state, district, and school levels that work in conjunction for this purpose. Student data are then utilized by security-aware, data-fluent, and data-informed educators for improved decision making leading to increased learning for students.

Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)



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 and instructional leaders to identify what’s working and what’s not working based upon data quality and evaluate current systems and solutions to determine the effectiveness and future direction (*annual auditors, Impact survey, Technology Activity Report, Digital Readiness, Data Quality Study, Data Quality Campaign, SpeakUp*)



AA-4

Continue to migrate key administrative and student data sets to secure cloud providers that allow everywhere, all-the-time secure access for the improvement of student learning (*Infinite Campus, Early Warning, School Report Card, MUNIS*)



GO-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*)



GO-2

Improve and enhance the tools available to maximize the use of data through enhanced reporting, tools that help improve data quality, and visual data analytic tools. Kentucky K-12 data systems are first-class, and we need enhanced tools to create a more usable and more interesting story for the average person who may not have a technology and data background.

KETS AA or GO	Strategy/Action Items	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-1/AA-2	Continue enforcing strong password policies as recommended by KDE, multi-factor authentication, password reset schedule, creating authentic accounts from MUNIS and Infinite Campus for all users, Rapid Identity	CIO, Network Administrator , District Computer Technicians, HR/ Benefits Coordinator, IC Clerks	Currently Operational	General Fund-Technology Budget KDE	~\$0	Users know their username and passwords, Microsoft A3 Data
AA-2	Promptly responding to security alerts using GoGuardian Beacon Alerts and GoGuardian Alerts	CIO, District Social Worker, School Counselors, School Principals, School Support Staff	Currently Operational	1:1 Device Fee	~\$28,000	Safety checks, reports, and feedback from staff
AA-2	Staff awareness on the proper handling and use of digital data. Purchase Cyber Liability and Privacy insurance policy.	CIO, CFO, System Analysis, IC Clerks	Currently Operational	General Fund	~\$10,000	Safe Schools Training, Reminders on phishing emails, Data Sharing Agreements
AA-3	Periodic review of Acceptable Use Policies for students and staff and verify data sharing agreements with all companies.	CIO, Technology Staff, C&I, Code of Conduct Committee	Currently Operational, Data Sharing Agreement is in progress	No cost	\$0	Review the AUP annually for necessary revisions.
AA-2	Continuous review and updating of internet filtering systems (GoGuardian) to	CIO, Network Administrator	Currently Operational	KDE	\$0	Review of GoGuardian reports and communication with GoGuardian support.

DISTRICT TECHNOLOGY PLAN

Your District Name

	ensure internet use is educational in nature and appropriate for students.	, School Principals, Technology Staff				
AA-2	Increase visibility of the wired and wireless network to help identify potential cyber threats from internal and external sources.	CIO, Network Administrator	Currently Operational	General Fund-Technology Budget KDE	~\$15,000	Utilizing custom reports from Fortinet, Microsoft A3 Baseline Security Data



Budget & Resources

Future Ready Gear

KETS GUIDING PRINCIPLE – The Master Plan, as well as district and school technology plans, are aligned to the vision for digital teaching and learning for students and staff. Revenue streams are aligned to account for the recurring and nonrecurring total cost of ownership to support the modernized and personalized learning experiences (and environment) in a manner that reflects good stewardship of tax dollars to include devices, infrastructure, support, data and human capital services. (i.e. The People Side of EdTech)

Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)



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)*



GO-1

Educate districts on the ongoing cost of position/roles requiring technology-related duties in support of technology and instruction as well as modern drivers that require differentiated and strategic staffing models *(The People side of K-12 EdTech)*



GO-2

Educate districts on how to reduce expenditures on printing/print services *(both in consolidated contract pricing as well as shifting from paper to digital experiences)*



GO-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



GO-4

See an increased percentage of districts examining which education technology investments are or are not being maximized (through adoption, frequency of use, and impact)

KETS AA or GO	Strategy/Action Items	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-3	Maintain our robust 1:1 implementation of instructional devices in all classrooms K-12. Implement the district-wide student device rotation plan.	CIO, School Principals, District Program Leads	Rotation occurs every year. The 1:1 program purchases three grade levels (3rd, 7th, 10th grade) each year and replacing second grade with new devices every four years (1 school per year).	General Fund-Technology Device Budget (85%) 1:1 Instructional Fees (10%) KETS (5%)	\$350,0000	Purchase Orders, Monthly District Administration Meetings, Asset Inventory and Management, Rotation Plan, and observations.
AA-2	Upgrade staff desktops and Chromebooks at a rate of 15-25% per year.	CIO, School Principals	Staff Chromebooks are rotated out every 5 years at the school level. Desktops/Laptops are replaced as needed through technology.	General Fund-Technology (20%) School Funds (80%)	\$50,000	Purchase Orders, Monthly District Administration Meetings, Asset Inventory and Management, Rotation Plan, and observations.
AA-1	E-Rate funding for rotational replacement of all buildings' wireless access points, core network equipment, and network switches.	CIO, Network Supervisor, and Tech Staff	Operational Now	Erate (70%) KETS (30%)	~\$350,000	APs and switches are replaced in each building every 5 years. Next 2-year projects: New HS, SS/NS, & MS WAPs and switches will happen in the following years.
AA-1/AA-3	Facilitate the renewal of Munis and Infinite Campus.	CIO, CFO	Operational Now	General Fund (100%)	\$60,000	KDE standardized the utilization of the platforms across the state.
AA-2	Continue the utilization of one IC Clerk per school building, Utilize District Computer Technicians, and add an additional District	CIO, IC Coordinator, IC Clerks, and School Techs	Currently operational. For the 24-25 school year, add an additional	General Fund (100%)	\$400,000 in staff cost	The separation of duties has allowed our data into systems to be accurate and all systems to run smoothly for the district. We will continue to review to ensure this

	Computer Technician to support district needs, repairing Chromebooks, Special Education		position to exclusively support Special Education Students and Staff, and additional Chromebook repairs			data quality continues.
GO-2	Continue to leverage state contracts to maintain the copier lease contract and click charge costs for maintenance.	CIO, Superintendent, CFO, District Admin, School Admin	Operational Now	General Fund, School Budgets, Department Budgets (100%)	\$115,000	Review monthly PaperCut reports to determine the next steps for the utilization of copiers.
AA-4	Maintain the use of a district-wide LMS service for online assessments and assignments for blended learning opportunities and in-person instruction.	CIO, CAO, Principals	Operational Now	General Fund- C & I Budget (33%) KETS (33%) 1:1 Fees (34%)	~\$30,000	Review teacher utilization of an LMS for instruction and assessment purposes.
AA-2/GO-2	Maintain the current asset/tech ticket program to streamline inventory and repair processes.	CIO, Tech Staff	Operational Now	General Fund- Technology (100%)	\$5,300	Monitor asset and tech ticket reports.
GO-2/GO-3	Reduce printing and storage of paper with digital storage and digital forms. Reduce time with automated workflow. Reduce space in storage with online cumulative storage and personnel documents. (Droplet, DropletSign, YellowFolder)	All Staff	Currently Operational	General Fund- Technology (100%)	~\$60,000	Monitor printer and paper cost over time. Monitor forms usage and digital storage usage within schools to verify usage.

DISTRICT TECHNOLOGY PLAN

Your District Name

AA-3	Upgrade our CTE program with the technology needed to support classroom instruction	CIO, CAO, CFO	Operational Now	LAVEC Funding (100%)	\$200,000	Review technology needs for the CTE program as needed through periodic surveys.
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 **Partnerships**
Future Ready Gear

KETS GUIDING PRINCIPLE – Connecting students, leaders, 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, public libraries, and business/industry, in support of student learning and preparation beyond K-12.

Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)



AA-1

Continue to build trusted relationships with shareholders (families, districts, partners) to increase engagement, outreach, and connecting classroom experiences outside of school. *(districts, vendors, higher-education, regional education cooperatives, KET, KyVL)*



AA-2

Continue to utilize avenues of communication with shareholders allowing pertinent information and dialog to further student learning efforts *(Webcasts, 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)*



GO-1

Partner with postsecondary pre-service teacher and principal programs to provide support in candidate preparation, especially in regard to student project-based demonstrations of technology competencies; get more students on college/university campuses while they are a K-12 student. Encourage postsecondary institutions (as well as other partners) to host STLP events and/or fully maximize the opportunity to showcase the university and its programs while students are on campus



GO-2

Improve access to resources and professional learning for district-based online/virtual and remote learning programs to engage in continuous improvement in order to create high-quality online learning experiences for students

KETS AA or GO	Strategy/Action Items	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-1	Maintain a parent call system, social media, and district and school websites to facilitate communications with our families.	CIO, Communications Officer, Principals	Operational Now	General Fund-Technology (100%)	~\$22,000	Review feedback from the public on social media, call system reporting, and website surveys.
AA-1	The district utilizes a district liaison and the school-level Family Resource Centers to actively seek families needing support related to technology (hotspots/devices).	DPP, FRYSC Staff, Superintendent	Operational Now	General Fund-FYRSC Grant	\$150,000	Review communication logs and the ongoing communication with families.
AA-1/AA-3	Continue to utilize family responses from the IC Online Registration survey to determine home technology instructional needs.	CIO, District Admin	Operational Now	General Fund-Student Support (100%)	\$8,500	Data review followed by an action plan set by district administrators.
AA-3/GO-1	Continue to partner with numerous colleges and universities for dual-enrollment opportunities in various technology fields.	CAO, Superintendent, HS Principal, HS Counselors	Operational Now	No cost	\$0	The high school and district admins review the number of students in dual-enrollment courses and how successful the students were in each course.
AA-3	Continue school level STLP Programs for students to create digital projects in order to compete in Regional and State showcases.	CIO, Digital Learning Coaches, and STLP Coordinators	Operational Now	General Funds-Technology (80%) KETS (20%) Stipend-General Fund-Staffing (100%)	~\$15,000	Review the number of student digital projects for regional and state competition. Review project quantity and quality.

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AA-3	Continue school level TSA CTE Program for students to compete in Regional, State, and National showcases.	CIO, CAO, HS Engineering Teacher, HS Principal	Operational Now	LAVEC Funding & Perkins Funding (95%), General Fund-Technology (5%) Stipend- General Fund-Staffing (100%)	~\$10,000	Review the number of student projects for regional and state competition.
AA-3	Continue school level Robotics Programs for students to compete in Regional, State, and National showcases.	CIO, CAO, HS/MS Engineering Teachers, HS/MS Principals	Operational Now	General Fund-Technology (100%) Stipend- General Fund-Staffing (100%)	~\$5,000	Review the number of student projects for regional and state competition.
AA-1	Continue partnerships with regional co-ops who provide technical services for our district (KEDC)	CIO, KEDC	Operational Now	General Fund-Technology (100%) When service is needed		Track the resolution rate and turnaround time for technical service requests submitted.



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 (KAS). A robust digital environment provides students with the opportunity to assess their own learning/progress towards mastery of content/skills or utilize instructional technology to provide timely feedback that moves learning forward. Digital curriculum and instruction can also provide students the opportunity to create digital products showcasing a deep understanding of core competencies of every subject, demonstrating mastery of Kentucky Academic Standards for Technology, and utilizing digital collaboration tools that provide a realistic connection to postsecondary and career readiness.

Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)



AA-1

Continue to provide access to high-quality learning experiences which further aligns to the Kentucky Digital Learning Guidelines



AA-2

Continue to promote, for ALL students, the use of Kentucky-approved/adopted Kentucky Academic Standards (KAS) for Technology, KAS for Computer Science, and KAS for Library Media Learning (*all based on national and international learner standards*)



AA-3

Continue providing opportunities for students to demonstrate learning connected to and through KAS for Technology, KAS for Computer Science, and KAS for Library Media Learning (*empowering students through technology with STLP, CS/IT Academy, etc.*)



AA-4

Continue to provide efficient and effective 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 high-quality and effective digital instructional materials through an equitable and robust digital experience



AA-6

Continue to support teacher efforts in taking ownership of digital citizenship skills and educating their students in the same skills to foster a responsible, safe, secure, and empowered digital learning environment.

 <p>AA-7</p>	<p>Continue to play a vital role in implementation of summative online assessment and school report card</p>
 <p>AA-8</p>	<p>Continue to create a closer connection with Career and Technical Education to explain computer science career pathway offerings specifically related to computer programming/coding and increase valuable industry-level certifications and exams available through the CS & IT Academy</p>
 <p>GO-1</p>	<p>Identify high-quality 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</p>
 <p>GO-2</p>	<p>Encourage, engage, and empower the safe and responsible uses of Artificial Intelligence (AI) into school efficiency and the learning space by teachers and students (ensuring humans remain in the loop with strong AI implementations)</p>

KETS AA or GO	Strategy/Action Item	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-4	Implement a district-wide platform (Pear Assessment and Universal Screeners) to track KAS mastery in real-time.	District Admin, DLC, DAC/BAC, Teachers	Fall 2026	~\$20,000	General Fund	PLC data
AA-8	Expand Industry Certification offerings and map them to local CTE pathways.	CIO, CAO, HS/MS Principals, CTE Teachers	Operational Now		General Fun, Perkins, CTE Supplemental	Industry Certs and increasing pass rates
GO-1	Implement an EdTech Efficacy Review to understand student usage and return on investments	CIO, CAO, Principals	Spring 2027	Reviewing items, pricing will depend on solution	General Fund	Reviewing data to ensure we are using district and school subscriptions with fidelity
GO-2	Establish a District AI HIVE: Assist with creating "AI	District Admins,	Fall 2026	\$0		Teacher and student usage

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	Responsible Use Policy" (RUP) for usage, grading, feedback, and data privacy	School Admin, DLCs, Teachers, Students, Parents				
GO-2	AI Literacy Professional Learning Series: Tiered PD for staff: 1) AI Foundations (Ethics/Bias), 2) AI for Efficiency (Lesson Planning/Admin), 3) AI for Instruction (Personalized Learning)	District Admins, School Admin, DLCs, Teachers	Operational Now	\$0	General Fund	Staff usage and staff surveys Staff participation
GO-2	Vetted AI Tool Procurement: Create a "Green-lit" list of AI tools that meet FERPA/COPPA and KDE's security standards.	District Admins, School Admin, DLCs, Teachers, Students, Parents, Vendor partners	2026-2027	Cost will vary per vendor partner	General Fund/KETS funding	Staff and student usage



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: Acceleration Area (AA) /Growth Opportunity Areas (GO)



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



AA-2

Continue to promote and support the design and implementation of coaching models as a high-quality professional learning strategy (digital learning coach network, STLP coach network, etc)



GO-1

Provide districts with guidance and support to determine the learning needs of teachers resulting in high-quality professional learning opportunities related to digital curriculum and learning tools

KETS AA or GO	Strategy/Action Item	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
GO-1	Utilize online surveys and self-assessment tools for teachers to identify their strengths, weaknesses, and desired areas of growth in using digital curriculum and tools. (Impact Survey)	District Admin, School Admin, Teacher Leaders	Currently Operational	No cost	\$0	High participation rates in needs assessment surveys. Analyze results to identify common learning needs across districts.
AA-2	Create a repository of best	District	2026-2027 School	General Fund-	~\$5,000	Increased use of the best practices

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	practices for conducting classroom observations focused on effective digital curriculum integration. Offer training for school administrators and instructional coaches on utilizing these best practices.	Admin, School Admin, Teacher Leaders	Year	Technology (50%) General Fund-C&I Budget (50%)	Stipends for extended duties	repository by administrators and coaches. Conduct surveys to gauge their satisfaction with the provided resources.
GO-1	Develop a system for collecting and analyzing student performance data related to the use of digital curriculum and tools.	District Admin, School Admin, Teacher Leaders	2026-2027 School Year	General Fund-Technology (50%) General Fund-C&I Budget (50%)	~\$5,000 Stipends for extended duties	Develop a standardized data collection and analysis process for digital learning implementation. Use data insights to inform future professional development opportunities.
AA-1/AA-2	Create an online community specifically focused on digital learning. This platform can provide a space for educators to ask questions, share resources, and collaborate on strategies for successful implementation of digital tools.	District Admin, School Admin, Teacher Leaders	2026-2027 School Year	General Fund-Technology (50%) General Fund-C&I Budget (50%)	~\$5,000 Stipends for extended duties	Monitor activity levels within the online community. Analyze user-generated content to identify trends in teacher needs and interests.
AA-1	Implement substitute teacher training focused on digital instructional resources and securing digital accounts.	CIO, Assistant Superintendent, Digital Learning Coaches	Operational Now	No Cost	\$0	Monitoring of teacher and substitute accounts.



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, digital efficiencies, and digital relationships, etc., assist in providing the vehicle for everywhere, all-the-time teaching and learning.

Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)



AA-1

Continue to provide guidance, support and resources for districts in the development and application of high-quality online, virtual, and remote learning programs as well as implementation of learning management systems



GO-1

Educate and support districts in the implementation and facilitation of digital learning tools and portable/mobile technologies that foster everywhere, all-the-time, always on, and 'always on you' access for staff and students

KETS AA or GO	Strategy/Action Item	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-1	Continue the implementation of the LMS across the district for use in delivering virtual instruction.	CAO, CIO, Digital Coaches, Principals	Operational Now	C & I Budgets, KETS, Tech Budget	\$38,000	Review the level of implementation and effectiveness through walk-through data.
AA-1/ GO-1	Continue the implementation of the Edgenuity Platform to offer a digital learning opportunity, as well as credit recovery and initial credit courses for our alternative school environments.	CAO, CIO, Coordinator of Alternative Programs	Operational Now	General Fund- C & I Budgets	\$28,000	Review the mastery of learning leading to increased graduation rates for students and course completion.

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AA-1/ GO-1	Continue the implementation of the New Horizon Academy as a tiered level of support for students needing virtual learning options	CAO, CIO, Coordinator of Alternative Programs	Operational Now	Funding based on MOU with KEDC		Review the mastery of learning leading to increased graduation rates for students and course completion.
AA-1/ GO-1	Continue the option for A5 Virtual Remote Learning Opportunities for our students to consolidate structures in multiple buildings to ensure quality programming for our students	District Admin, District Support Staff, Coordinator of Alternative Programs	Operational Now	Cost unknown at this time		Track academic performance and satisfaction with the program through surveys. Analyze cost savings, teacher satisfaction, and completion rates. Monitor student retention and consider program expansion.
AA-1	Equip schools with assistive technologies like screen readers and text-to-speech software to ensure all students can participate in online learning environments.	CIO, Director of Special Education	Operational Now	General Funds-Technology (100%)	~\$5,000	Establish ongoing communication and collaboration with these stakeholder groups.