

Kentucky Education Technology System DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Russellville Independent Schools

LOCATION Russellville, KY

PLAN YEAR(S) 2024-2029



russellville.kyschools.us

Table of Contents

[Table of Contents](#)

[Planning Team](#)

[Previous Year's Strategies Evaluation](#)

[Upcoming Year's Strategies Preview](#)

[Student Voice](#)

[KETS Master Plan Areas of Emphasis](#)

[Collaborative Leadership](#)

[Robust Infrastructure & Ecosystem](#)

[Data Security, Safety, Privacy & Use](#)

[Budget & Resources](#)

[Partnerships](#)

[Digital Learning, Curriculum, Instruction & Assessment](#)

[Personalized Professional Learning](#)

[Use of Space & Time](#)

Planning Team

District Staff [Recommended to include CIO/DTC, DLC, technician, finance officer, superintendent, academic officer, DAC, etc.]	
David Guffy - CIO	Danny Perry - Facilities Director

Building Staff [Recommended to include principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	

Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]	

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.

1. *Continue to purchase and implement Interactive flat panels to classrooms*
 2. *Improvement of website usability and keeping content current*
 3. *Focus on security and safety on the network*
 4. *Add full time district DLC*
 5. *The need has arisen for more CAT 6 Drops to accommodate phones, doors, cameras, and other devices*
 6. *Upgrade District camera and security systems as needed*
 7. *Purchase UPS's for District IDF and preference lithium Ion Batteries for longer life cycle*
- Equity*

1. We have contracted with Edlio, a website hosting provider, to move to an entirely new website.
2. Purchased an additional 6 Interactive Flat Panels
3. Phased in MFA for Google and Microsoft for admins and key personnel
4. Still working on having a full time DLC
5. We have installed roughly 20 new drops district-wide, including at the Indoor Practice Facility
 - a. Installed wireless bridge to connect the Facility to the main network
6. Updated all cameras across the district and updated DVR/Server to Video Insight
 - a. Additional Cameras were also added in key locations (Indoor Practice Facility, etc.)
7. We have received quotes for updated Lithium Ion battery backups for the 3 school Main Data Frames.
8. New Wi-Fi Access points were installed in the fall of 2022
9. Upgraded our district core to an Extreme Fabric Network Core
10. New Extreme X460 Switches were purchased and installed in the MDF in each school in Spring of 2023.

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]

We have worked to assess our infrastructure needs and our needs for managing technology from the people side. The need to improve and keep our website updated has become crucial and thus is an ongoing task. There is work needed to improve instructional technology and training for teachers and staff. .

1. Upgrade our VMWare cluster to newer generation servers, updated VMWare VSphere software, and update VEEAM backup and recovery.
2. Continue using ERATE for funding of District WAN
3. Purchase and install 5-10 new interactive flat panels for classrooms in the district
4. Roll out new website and train users in how to update and add content
5. Continue to implement technology standards in all grade levels where appropriate
6. Implement more training for staff in regards to online security and safety
7. Provide more training for teachers on integrating technology into their classroom
8. Current Copier contract is up in August. Renew with the current vendor or replace with another 5 year contract.
9. Continue to purchase teacher chromebooks and refresh student chromebooks each year.
10. Continue to repair and maintain devices that still get updates from Google.
11. Continue to update and improve inventory and processes around district owned technology devices

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)?

We utilize various surveys of students and staff throughout the year to gain insight into student's strengths and weaknesses so we can tailor hardware and software purchases and PD to the desired outcome of improving student achievement.

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)
AA-1	Continue to attend professional learning opportunities such as KySTE and Monthly Regional Tech and CIO meetings	DTC, DLC, Others as needed	July 2024-June 2029	KETS, Gen Fund. Others.	\$2000 per year	Technology personnel will show growth and have opportunity to learn new skills as well as network with colleagues.
GO-1	Build in more time to collaborate with teachers and admins to improve the high level use of technology to teach and achieve goals within the district	DTC, DLC, Principals, Other Leaders	July 2024-June 2029	KETS/	\$2000 per year	Faculty and staff will be able to use technology to teacher at high levels and administrative tasks are more efficient
AA-3	Encourage teacher technology leadership in the classroom and schools	DTC, DLC, Teachers				Teachers will engage meaningfully with technology to provide high level learning opportunities for students
AA-3	work with teachers to build classroom websites in our new online content management system	DTC, DLC, Teachers	July 2024-June 2029		N/A	Teachers will be more engaged and have more communication with students and parents



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, sunsetting/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	Continue to leverage ERATE for our latest contract for fiber WAN services from EPB. All buildings are connected via 10GB uplinks.	DTC, Vendor Partner	July 2024-June 2029	90% ERATE 10% General Fund	\$12,000 per year	WAN connectivity and reliability will be above 95%
AA-2, GO-1	Refresh teacher Chromebooks as needed. Purchase 10 to 15 each year with a 3 year warranty.	DTC, Vendor Partner	July 2024-June 2029	KETS, General Fund, Other	\$8,000 per year	All teachers have an up-to-date chromebook with touch screen features that can be updated until 2029 and beyond.
AA-4	Continue to leverage the use of online, cloud-based platforms to assist in administrative and instructional programs	DTC, DAC, Principals, Vendors	July 2024-June 2029	KETS, General, Grants, Other	\$30-40,000 per year	Students and staff will have access to best-in-class online platforms for learning and online management of resources.
AA-1, GO-1	Continue to have 1:1 student to computer ratio and refresh devices as needed. This may be harder in light of ESSR funding going away.	DTC, Vendors	July 2024-June 2029	KETS, General Fund, Grants, other	\$15,000 per year	Students will have access to devices that can run the latest versions of the OS and other programs that are used for learning in RISD.
AA-3	Continue the roll out of wi-fi to other parts of campus (ie outdoors, indoor practice facility, stadiums, and other areas that might benefit from wifi access during and after school hours	DTC, Vendors,	July 2024-July 2029	KETS, General Funds, ERATE,	\$3-5,000 per year	Students and staff will always have access to internet and other network resources while on campus no matter where they need to work, learn, or practice sports, etc.
AA-2	Study the feasibility of upgrading the current VMWare cluster to new hardware and software. Current servers are end of	DTC, Vendors, Finance	2024-2025	KETS, General Funds, other	\$20,000.00	Continue to provide local server resources in a secure and cost-effective manner.

	support					
AA-2	maintain ongoing service contracts for critical infrastructure such as VEEAM backups, VMWare, Extreme Management, and other	CIO CFO Vendors	July 2024-June 2029	ERATE where applicable, KETS, Gen Fun, Others	up to \$10,000 per year	Mitigate any service interruptions or downtime of mission critical hardware and software by having professional support available for any issues that arise.
GO-2	Formalize procedures for surplus equipment retirement and disposal.	CIO CFO	Ongoing	NA	NA	This will standardize the process of how and when to dispose of surplus technology items.
AA-5	Continue the use of Clever to help integrate online learning systems with IC, Google, and other resources.	CIO	Ongoing	NA	NA	Standardization of services and interoperability



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	Continue to create and maintain systems for assigning permissions to users for roles that they need access such as MUNIS, IC, PowerSchool, Email, and other applications that may contain sensitive data	DTC, Finance Officer, DPP, IC Data Coordinator, Principals	Ongoing	N/A	N/A	Workflows will be in place to ensure that proper security and permissions are applied to give individuals access to only the data they need and maintain security on sensitive information.
AA-1	Continue to work with HR and Finance to streamline onboarding of new staff as well as procedures to follow when staff leave.	DTC, HR, Finance Director,	Ongoing	N/A	N/A	New staff will have access to resources that they need as soon as possible and staff that are leaving have accounts secured.
AA-3	Use surveys and other measurements for staff, students, and parent to address and act on needs	DTC, Principals, District Admins	Spring of each year 2025-2029	N/A	N/A	Implement action items that are developed from the resulting data obtained.
AA-2	Implement training on security, privacy, and other topics that continue to be objects of interest to bad actors that try to obtain sensitive data	DTC, Principals, Teachers.	Ongoing	N/A	N/A	Teachers and staff will demonstrate a better awareness of how to keep their own, and others, data safe.
AA-1	Train staff to recognize the benefits and pitfalls of the use of AI and issues that may arise around its use.	All staff	Ongoing	N/A	N/A	Awareness of what AI can and can't do as well as effective use of AI in offices, schools, and classrooms.
AA-1	Update and modernize the District Acceptable Use Policy to reflect modern trends in social media and	CIO Superintendent	December 2024	N/A	N/A	Provide clear guidelines for staff and students regarding appropriate use of network resources.

	other areas of technology such as AI					
--	---	--	--	--	--	--



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-1	Utilize local, state, and federal funds as available to meet the ongoing technology needs of the district	CIO CFO Facilities	Ongoing	e-rate KETS Gen. Fund Grants	Varies from year to year, typically 10 to 15,000	Continued availability of up-to-date hardware and software for staff and students.
AA-2	Use staff surveys and usage reports that are available in current online services to determine which online platforms are used the most/least and adjust budgeting as needed	CIO CAO	Ongoing	NA	Varies	Determine which services are being utilized effectively and eliminate those that are not to save money.
AA-2	Provide each school with an updated inventory of all chromebooks and the date of update expiration.	CIO Tech Liaisons	Summer 2024	NA	NA	Provide each school with an accurate accounting of technology that's on hand at any given time.
AA-1	Continue to maintain ongoing service contracts with vendors on mission critical hardware and services	CIO CFO	Ongoing	KETS, Gen. Fund, Possibly e-rate for some items	Up to 10,000 per year.	minimize service interruptions for district services by having readily available tech support services
AA-2	Reduce printing and paper costs by using copiers instead of classroom printers. Use Papercut to make building principals aware of copier use.	CIO, CFO Principals	2024-2029	KETS, Section 6, General Fund	\$2000	Reduce both costs and the total number of copies made
AA-1	Continue to advocate for a district DLC	CIO, CFO, Superintendent	2024-2029	KETS General Fund	Unknown	CIO will work to demonstrate the need and importance of DLC's

DISTRICT TECHNOLOGY PLAN

Your District Name

AA-3	Maintain the current asset/tech ticket program to streamline the inventory and repair process	CIO Tech Staff	Ongoing	KETS and Tech Budget	N/A	record tech tickets and create a knowledge base to be used going forward
------	---	-------------------	---------	----------------------	-----	--



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	Continue to utilize Region 2 and state networks to build capacity and for problem solving and support	CIO Tech Liaisons	Ongoing	NA	NA	build capacity by taking advantage of the knowledge base that's available to Region 2 members
AA-1	Work to effectively use district social media channels such as Facebook to promote events and keep stakeholders updated with events as they happen and promote student successes.	CIO, Building Principals P.R. Coordinator	Ongoing	NA	NA	Parents Students and employees will have quick access to media and new items that are ongoing
AA-1	Make full use of the calling/notification system to keep parents updated on attendance, emergencies and special events	CIO Superintendent Building Principals	Ongoing	KETS Gen. Fund Other	\$1500 Included in cost of web hosting	Calls, texts, and emails will continue to be sent to stakeholders to keep them updated on time sensitive and special events.
AA-1	Continue relationships with vendor partners for tech support and hardware/software updates	CIO	Ongoing	NA	NA	Good relationships with vendors should equal better service in the longrun



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.

 AA-7	Continue to play a vital role in implementation of summative online assessment and school report card
 AA-8	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
 GO-1	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
 GO-2	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)

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	Provide ongoing training to teachers on use of Interactive Flat Panels	CIO Tech Liaisons Teacher leaders	2024-2029	NA	NA	improve use and engagement of teachers and students when using this technology
AA-4	Provide support to staff during all testing such as STAR, MAP, KSA, ACCESS, ACT, to make sure assessment is smooth	CIO Tech Liaisons Teachers	2024-2029	NA	NA	There will be fewer issues with testing and students will have uninterrupted use of technology for these assessments
GO-2	Raise awareness of AI and what it can and can't do in an educational setting	CIO Tech Liaisons	Ongoing	NA	NA	Make sure teachers and staff understand the nature of new AI models and how they will change teaching and learning
AA-4	Continue teacher and school level utilization of online	CIO, CAO, DAC,	Ongoing	School Budget, KETS, Gen. Fund	N/A	Use data from online platforms for assessment and remediation and

	assessments within district approved platforms.	Principals, Curriculum Coaches				progress monitoring.
--	---	--------------------------------	--	--	--	----------------------



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)
AA-1	Implement a district-led "Teach meet" conference to provide more effective training to staff	CIO Tech Liaisons DPP	Summer 2024	Gen Fund	\$2000	Teacher awareness of tools available to them will be increased which should lead to increased high level use of technology in the classroom
AA-2	Support STLP coaches and students as well as DLCs with resources and training	CIO	Ongoing	NA	NA	provide more opportunity for improvement of coaching in these areas

DISTRICT TECHNOLOGY PLAN

Your District Name

AA-2	Attend monthly and yearly events for CIO's and technology personnel. (Region 2 meetings, KySTE, other trainings as they are offered)	CIO Technology Liaisons	Ongoing	KETS Gen. Fund	\$2000	The tech department will Keep up-to-date with current trends, issues, and technologies and gain knowledge of areas that need improvement
------	--	-------------------------	---------	----------------	--------	--



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

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	Offer home schooled students the opportunity to use our online curriculum offerings (Edgenuity) and student devices in conjunction with the opening of the Russellville Innovation Academy	CIO, DPP,	2024-2025	KETS Gen Fund		Homeschooled students will benefit from the use of resources to ensure they are performing on grade level and keeping up with peers.
AA-1	The RIA will offer new strategies for students' success including Project Based Learning, online programs, and support for different learning styles.	CIO, Tech Llaisons, DPP, Principals Teachers	2024-2029	Gen Fund		We will see improved outcomes for students that don't do as well in the traditional classroom setting.
AA-1	Make better use of existing facilities to offer training and learning opportunities for students and staff (R21C rooms and Tech Center)	CIO and others	2024-2029			Facilities will be used more frequently and effectively.