

Kentucky Education Technology System
DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Augusta Independent School District

LOCATION Augusta, KY

PLAN YEAR(S) 2024-2025



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Planning Team

District Staff [Recommended to include CIO/DTC, DLC, technician, finance officer, superintendent, academic officer, DAC, etc.]	
Timothy Litteral, CIO / Director of Finance & Technology	
Building Staff [Recommended to include principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Robin Kelsch, Principal	Renee McClanahan, Business Ed / FCS Teacher
Alison Bach, Assistant Principal / DLC	Randy Bloomfield, 3 rd Grade Teacher
Cindy Gibson, Library Media Specialist	Tony Ruf, MS/HS Teacher
Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]	
Students [Recommended to include middle and/or high school students]	
Grayson Miller, High School Student / Technology Aide	Noland Young, High School Student / Technology Aide
Other [parents/community members, business and nonprofit leaders, etc.]	
Tina Sticklen, Parent / PTSA / Board Office Admin. Asst.	

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?

We successfully transitioned the school to the new ENA Internet service. We continued our refresh strategy of staff and student devices. Teachers reported on the implementation of technology standards, documenting the activities completed to meet those standards.

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

Due to the cutting of a teaching position, we did not have the staff available to continue having a middle school technology class. K-6 students did have a Digital Citizenship class as one of their related arts classes, but again, due to the cut position, the second related arts class elementary had that allowed for more instruction into using technology was eliminated. While we did have a systematic way of teaching the technology standards and continued to have teachers report on the technology standards they covered, we did not implement a portfolio type activity where students place artifacts as evidence.

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

Collaborating with ENA and KDE to provide the new Internet service will no longer be needed. The new copy-print company has been implemented and will not need to be included on the new plan. The district no longer has a "virtual learning academy," so that item is no longer necessary.

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

We need a stronger focus on artificial intelligence, which has continued to quick grow.

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?

We reviewed the 2023-2024 technology plan and determined what should remain, what should be removed, and what needed to be revised. After accounting for those changes, we reviewed each future ready gear and discussed new strategies that needed to be added to the 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.

Two large networking projects will likely take place, pending E-Rate approval. The district will completely refresh its wireless access points, replace approximately 70% of network switches, along with the Core, and replace the fiber connection between buildings. This will keep the network strong and provide a good experience for those utilizing the Internet and online resources.

The district will also implement a Chromebook replacement plan, as Chromebook devices purchased during the pandemic reach end-of-life. This will be a substantial annual financial investment from the district.

Planning of professional development for Artificial Intelligence will be a focal point, as will be creating guidance for teachers.

The district will continue to work to utilize staff to be able to provide technology classes and technology instruction to students to ensure students are proficient in the technology standards.

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)?

Students in grades 4-12 participated in a student voice technology survey in the spring of 2024 created by the CIO utilizing Google Forms.

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.

96% of students indicated that they have Internet at home. 97% say they use Google Classroom and Google tools on a regular basis. 57% use iReady.

67% rate their technology experience at school as either good, very good, or excellent.

69% of students indicated the login to their school e-mail at least twice a week. 73% said it's easy for them to send an e-mail. 77% of students indicated it is easy or very easy to collaborate using online documents and easy to edit a photo. Only 39% feel it is easy to create a spreadsheet. 64% feel it is easy for them to determine if online content is trustworthy.

47% of students say they read online content once a month or less.

When asked how often teachers ask them to do certain tasks, only 39% create multimedia presentations at least monthly. 46% conduct online research weekly, with another 38% monthly. 56% solve real-world problems using technology at least monthly, while 66% collect and analyze data using technology at least monthly.

Through the end of March, 60% of students say they given 1-3 presentations this school year, while 20% say they've given 4-7. Only 11% have not.

71% of students agree or strongly agree that technology can enhance their education. 62% of students agree or strongly agree they are more engaged when using technology. 71% says my school encourages technology use for teaching and learning.

73% of students have never used the school's virtual reality equipment.

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.

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	Have students participate in an annual survey seeking feedback about digital learning and their school technology experience.	CIO Classroom Teachers	March-April	N/A	N/A	Data available based on student feedback.
AA	Current faculty members with technology strengths will lead PD and peer training in the use of available technology resources.	CIO DLC PD Coord. Teachers	August-May	N/A	N/A	Teachers will be observed effectively integrating technology resources into their classrooms.
GO	Develop an annual survey seeking feedback from teachers about digital learning and the school technology.	CIO Teachers	March-May	N/A	N/A	Data available based on teacher feedback.
GO	District continues Digital Learning Coach position to provide PD and support to teachers.	DLC	Ongoing	N/A	N/A	District continues Digital Learning Coach position to provide PD and support to teachers.
GO	In partnership with other stakeholders, develop policies and guidelines for artificial intelligence.	CIO Admin	July 2024 – October 2024	N/A	N/A	AI policy document will be created.



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, sunset/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	Aging staff devices will be replaced with new computers.	CIO	Ongoing	KETS Federal Grants	\$4,000	Staff computers will be no more than six years old to increase productivity.
AA	All computers will be Windows 10 or newer. Begin planning the transition of existing devices with Windows 10 to Windows 11.	CIO	Ongoing	N/A	N/A	Annual inventory will show all devices are at least operating Windows 10, with Annual inventory beginning to reflect Windows 11 devices.
AA	Replace aging BrightLink projectors with interactive flat panels to reflect real-world technology.	CIO	July 01, 2024 to June 30, 2025	Federal Grants Local Funds	\$9,000	All classrooms will have a BrightLink or interactive panel installed for use.
AA	Google Docs will be used to upload weekly lesson plans.	Teachers School Admin	Ongoing	N/A	N/A	Administrators can review lesson plans through the Google platform.
AA	Teachers utilize Google Docs for professional growth plans.	Teachers School Admin	Ongoing	N/A	N/A	Administrators will review growth plans through the Google platform.
AA	Continue to provide a monitoring platform for Chromebooks usage.	CIO Principal	Ongoing	Local Funds KETS	\$1,200	Feedback from teachers about the ability to monitor student activity in real-time.
AA	Encourage teachers to utilize virtual reality equipment in instruction by providing demos and support.	CIO DLC Teachers	August 01, 2024 to May 01, 2025	N/A	N/A	VR utilization will be included in lesson plans and/or technology standards reporting.
GO	Install new wireless internet equipment and replace core and existing end-of-life switches.	CIO RTI	July 01, 2024 – May 31, 2025	E-rate Local Funds	\$38,000	Upon completing, users notice at a minimum the same level of network speed, if not improved performance.
GO	Replace existing fiber between Library MDF to School MDF to allow for 10 Gig capacity.	CIO KEDC	July 01, 2024 – May 31, 2025	E-rate Local Funds	\$8,000	Upon completing, users notice at a minimum the same level of network speed, if not improved performance.
GO	Implement refresh cycle for Chromebooks students and staff.	CIO	Ongoing	Federal Funds Local Funds	\$25,00 annually	Device inventory will reflect all Chromebooks are less than five years old.



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	All teachers will manage student records through input of data in the student information system (Infinite Campus) and keep the information current and secure.	Teachers School Administrators	Ongoing	Local funds	\$2,000	Student records and data will be readily available to school administrators and parents.
AA	Encourage the use of Online Registration through Infinite Campus to replace hard-copy student information forms at the beginning of the year.	CIO Counselor School Secretary	July 15, 2024 – September 09, 2024	N/A	N/A	Reviewing OLR reports in Infinite Campus.
AA	Surplus computer equipment will be recycled through a vendor who will pick up on site and destroy data and dispose of equipment properly.	CIO	Ongoing	N/A	N/A	Surplus equipment will be picked by a vendor who will provide certification of data destruction, when necessary.
AA	Teachers will receive annual training on the best practices of data privacy and security.	CIO	Ongoing	N/A	N/A	No reports of mishandled data or data breaches.
AA	Staff will use 15 character passphrases and MFA for off-network devices.	All Staff	Ongoing	N/A	N/A	No reports of data breaches.
AA	Students and their parents will indicate understanding of acceptable use of technology by signing the acceptable use policy.	CIO Principal	August 01 – September 30, 2024	N/A	N/A	Students will submit a signed Acceptable Use Policy signature page.
GO	Transition Infinite Campus to single sign-on to integrate with Active Directory to strengthen security practices.	All Staff	July 01, 2024 – October 31, 2024	N/A	N/A	No reports of data breaches.










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 (<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>)
 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 (<i>The People side of K-12 EdTech</i>)
 GO-2	Educate districts on how to reduce expenditures on printing/print services (<i>both in consolidated contract pricing as well as shifting from paper to digital experiences</i>)
 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	E-Rate Funds will be used to purchase routers, access points, switches, etc. to replace networking equipment, as needed.	CIO	Ongoing	E-Rate	\$46,000	Networking equipment will remain operational and functional.
AA	Apply for available external grants that will assist in funding technology projects.	CIO Administrators	Ongoing	N/A	N/A	District will receive notices that grants have been awarded.
AA	Continue offering the CIO a student technology aide to assist with minor tech repairs and organizational tasks.	CIO Counselor	Ongoing	N/A	N/A	Infinite Campus will have an aide listed for the CIO.
AA	Maintain current cost of printing by encouraging teachers to use digital tools and monitoring print data monthly.	CIO Administrators Teachers	Ongoing	Local Funds	\$7,500	Data will show a plateau in printing activity.
AA	Maximize technology spending by utilizing funds from other departments, when available.	CIO Administrators	Ongoing	KETS Local Funds State Grants Federal Grants	N/A	Budgets of various departments show expenditures for technology.
AA	All technology licensing requirements (Microsoft, etc.) will be kept current to assure compliance.	CIO	Ongoing	KETS	\$2,200	Services and products continue to function as expected.
GO	District continues Digital Learning Coach position to provide PD and support to teachers.	CIO Administrators	Ongoing	Local Funds	N/A	Teachers indicate they have technology support and resources.



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	District EdTech Leader will continue participating in monthly state-wide CIO webcasts and monthly regional meetings.	CIO	Ongoing	Local Funds KETS	\$500	CIO is knowledgeable about current projects, activities, and deadlines related to statewide technology initiatives.
AA	DLC will participate in monthly state-wide meetings virtually or in-person.	DLC	Ongoing	Local Funds	\$250	DLC is knowledgeable about current trends in educational technology and trends within the state.
AA	Electronic access to student data through cloud systems like the Parent Portal will facilitate dissemination of information to parents.	CIO Administrators Teachers	Ongoing	N/A	N/A	Parent portal login reports can be reviewed to monitor access by parents.
AA	Continue utilizing the Send-It notification system to communicate with parents and stakeholders regarding announcements and closings.	Administrators	Ongoing	Local Funds	\$1,100	Complaints will be minimal regarding knowledge of closures and important announcements.
AA	Continue to maintain the website for Augusta Independent to ensure it remains a source of timely information for all stakeholders.	CIO Director of District Services	Ongoing	Local funds	\$1,200	Up-to-date information will be available on the district website.
AA	Collaborate with Community Ed, FRYSC, and various groups brought into the district to provide the necessary technology to support those initiatives.	CIO FRYSC Dir. Administrators	Ongoing	N/A	N/A	Groups are able to provide information and services to students effectively utilizing the technology provided.
AA	Utilize social media to highlight positive experiences in the district and keep stakeholders informed.	CIO Administrators	Ongoing	N/A	N/A	Social media platforms will post regularly and show engagement with stakeholders.

AA	Students will create a student-led digital newspaper.	DLC Teachers	Ongoing	N/A	N/A	The district will release updated editions with timely news.
AA	The district will partner with the Bracken County Public Library to provide students in grades 3-12 library cards to promote access to eBooks and online resources.	Library Media Specialist	Ongoing	N/A	N/A	Students can provide proof of library card.



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	Provide online instructional program for students for credit recovering or homebound.	Administrators	Ongoing	Local Funds	\$2,000	Usage reports from the online curriculum program.
AA	Elementary students (K-6) will receive at least 6 weeks of instruction in technology.	Counselor Technology Teacher	Ongoing	N/A	N/A	Students will meet or exceed state standards in technology.
AA	Middle school students will have technology classes as part of their daily schedule.	Counselor Technology Teacher	Ongoing	N/A	N/A	Students in Grade 8 will meet or exceed state standards for student literacy in technology.
AA	Devices and technology are being used in all grade levels for instruction, research, projects, and differentiated instruction.	Teachers	Ongoing	N/A	N/A	Walk-throughs will note the use of technology. Achievement gaps will be decreased.
AA	Students will utilize a valid web-based, benchmark assessment tool to identify learning deficiencies and strengths.	Classroom Teachers Administrators	September Dec. - Jan. April	Local Funds State Funds Federal Funds	\$12,000	Assessment data available quarterly.
AA	Provide and utilize digital	Administrators	Ongoing	Local Funds	\$6,000	Benchmark assessment scores increase.

	learning curriculum that targets activities based on benchmark assessment results.	Teachers				
AA	Students will be instructed in the Kentucky Academic Standards for Technology.	Teachers Administrators	Ongoing	N/A	N/A	Standards should be identified in the weekly lesson plans submitted to school administrators.
AA	Beginning at the elementary level, all nine elements of digital citizenship are intentionally integrated into the curriculum.	Classroom Teachers DLC CIO	Ongoing	N/A	N/A	Students are observed by teachers being good digital citizens.
AA	All students participate in Internet safety awareness and digital citizenship activities within the first month of school.	Classroom Teachers CIO	August–September	N/A	N/A	Students sign-off that they have received the training. Students observed practicing safe, ethical uses of technology by teachers.
AA	The district will monitor the teaching of technology standards through teacher reporting to ensure students are proficient in the technology standards.	CIO DLC Administrators	Ongoing	N/A	N/A	Google Form submissions from teachers will document the teaching of standards.
GO	The district will develop a method for students to submit artifacts that demonstrate proficiency in the technology standards.	CIO DLC Administrators	Ongoing	N/A	N/A	A plan will be implemented for monitoring student work towards proficiency in the technology standards.
GO	The district utilizes tools such as Google Data Studio to provide visual representation of data to teachers.	Administrators	Ongoing	N/A	N/A	Assessment data available.
GO	The district will explore implementing an STLP program.	DLC School Admin	Ongoing	N/A	N/A	Students will participate in STLP competition.
GO	Teachers will have the ability to utilize Artificial Intelligence as a resource for instructional	DLC Teachers	Ongoing	N/A	N/A	AI resources will be reflected in lesson plans.

	planning.					
GO	Increase use of student created digital products.	Teachers Students	Ongoing	N/A	N/A	The district will use and publish digital products created by students.



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	Digital Learning Coach will provide training as needed on timely technology topics/resources.	DLC	Ongoing	N/A	N/A	Feedback will be gathered from participating staff.
AA	Augusta Independent technology staff will provide training as needed on timely technology topics/resources or schedule training by providers contracted by the district.	CIO Principal District PD Coordinator	Ongoing	N/A	N/A	Feedback will be gathered from participating staff.
AA	DTC/CIO and DLC will attend annual technology conference, along with selected teachers, to remain up-to-date on technology topics/resources.	CIO	March	KETS Local Funds	\$1,200	Surveys provided by KySTE.
AA	New faculty members will be trained on the student information system, Google tools, and any other electronic tools as needed.	CIO DLC	July-August	N/A	N/A	Teachers are able to effectively use tools to complete required tasks.
GO	Train staff on the potential benefits and concerns with Artificial Intelligence and how it can change classroom practices.	CIO DLC	Ongoing	N/A	N/A	Teachers will feel knowledgeable and empowered with using Artificial Intelligence.
GO	Current faculty members with technology strengths will lead PD and peer training in the use of available technology resources.	CIO PD Coord. Teachers	August – May	N/A	N/A	Teachers will be observed effectively integrating technology resources into their classrooms.



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	Augusta Independent administrators will encourage collaboration and digital workflow through the use of Google applications.	District and School Administrators	Ongoing	N/A	N/A	Information is shared, processed, and accessed more efficiently.
AA	Teachers will continue to use digital resources to create personalized learning experiences and increase student choice to share and demonstrate understanding	Teachers Administrators	Ongoing	N/A	N/A	Activities will be reflected in lesson plans and in the reporting of technology standards instruction.
GO	21st Century Learning Lab space will be available for all grades for activities utilizing green screen technology and virtual reality technology.	CIO Teachers	Ongoing	N/A	N/A	21st century learning lab reservation form. Feedback from teachers.

2024-2025 KETS Budget

Technology/Activity	Line Item Total
Student Workstations (3)	\$2,100
Staff Workstations (4)	\$4,000
Chromebooks	\$0
Chromebook Screens/Repairs	\$1,000
Flat Panels	\$0
Projector Bulbs	\$100
KySTE Conference Fees	\$200
Travel Expenses	\$300
3D Printing Supplies	\$100
Basic Maintenance/Tech Support	\$1,000
Microsoft Licensing	\$2,200
Contingency	\$0
Total	\$11,000