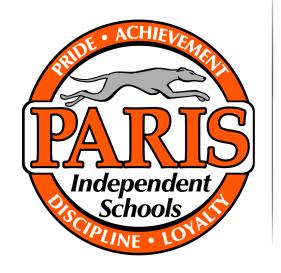
Kentucky Education Technology System DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Paris Independent School District

LOCATION Paris, Kentucky

PLAN YEAR(S) 2023-2024



paris.kyschools.us

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Planning Team

District Staff [Recommended to include CIO/DTC, TIS/DLC, technician, finance officer, superintendent, academic officer, DAC, etc.]						
Stephen McCauley, Superintendent of Paris Independent Schools	Kelly Vice, Director of Technology					
Patrice Thompson, Assistant Superintendent	Mira Beth Muth, Finance Officer					
Natalie Payne, Student Services & Safe Schools Coordinator	Jenny Hash, Tax and Accounting Office					
Erin Seale, Director of Preschool and Special Education	Kathy Tobin, FRYSC Coordinator					
Brad Whalen, Director of Facilities and Maintenance	Nikki Washington, Director of Food Service					
Brittany Palus, Technology Technician						

Building Staff [Recommended to include principals, LMS, STC, counselors, teachers, teaching assistants, etc.]					
Steve Ely, Paris High School Principal	Robert McCann, Assistant Principal Paris High School				
Monica Ballard, Paris Middle School Principal	Shawn Ransom, Dean of Students Paris Middle School				
Leann Pickrell, Paris Elementary Principal	Nicole Jones, Behavior Specialist Paris Elementary School				
Abby Easterling, Paris High School Guidance Counselor	Alyssa Meadows, Paris Middle School Guidance Counselor				
Kaylin Walker, Guidance Counselor	Dawn Privett, Library Media Specialist				

Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]						
Angela Plummer, Board Chair	Janice Shepherd, Board of Education member					
Ricki Johnson, Board of Education member	Bruce McDonald, Board of Education member					
Louie Emmons, Board of Education member						

Students [Recommended to include middle and/or high school stude	ents]

Other Francisco and the second	
Other [parents/community members, business and nonprofit leader	rs, 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?

Continuing to address aging machines by either upgrading or replacing the devices.

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

Our district encourages and provides the necessary resources to ensure that our staff knows how to use new and existing technologies to improve student academic and career. However, an annual technology course for new staff should be developed as part of new staff on-boarding to ensure that all staff get the most out of the G-Suite and their chrome devices. We need to consider adding more opportunities for STEM instruction at all grade levels and add annual KY Digital Driver's License for students in grades 4 to 12.

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

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

The district needs to consider adding staff at the school level to support the full implementation of Computer Science standards approved by the Kentucky Board of Education in the fall of 2018. This could include: converting a space in each school as a STEM lab, providing computer literacy instruction through the media center or in the special rotation at each school. Of course this depends on the availability of funding and staff. The implementation of Digital Learning Coaches at each building to expand digital learning of classroom teachers.

Increase the capacity of our staff and students by offering Google Certification to interested staff. Increase the capacity of our students and staff by offering Google Certification for students through their visits to the media center. Continue supporting the Esports program by having a dedicated Middle School coach in addition to the high school coach. Secure funds for "makerspaces" in media centers and provide students with an opportunity to explore high tech fields as a career choice.

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?

In order to implement a comprehensive district technology plan for the safe, effective integration of technology that will provide appropriate guidelines for acquisition, training, and support for staff, students, and the community, the following steps were taken:

- Survey and research the most effective practices for technology integration in schools.
- Provide adequate technology resources to support students, staff, and community.
- Utilize Professional Growth Plans of district employees to determine professional development needs, and then provide that training for district employees to equip them with the knowledge of ways to integrate technology into their instruction of Core Standards.
- Update the Paris Independent Schools Technology plan annually, based upon evaluation data, research, and committee review.
- Disseminate information to assist faculty and staff in purchase of home computers and software.
- The technology department will provide consultation to the Family Resource Center on support and technical purchases.
- Professional Development Training for district employees enabling them to utilize digital communication with parents, students, and community members.
- Update and maintain the district's web presence to include relevant information to the school community and solicit feedback from the community.

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.

We will address aging machines by either upgrading or replacing the devices. Another major activity will be to adopt and teach using the new Computer Science Standards, which will have a clear focus on student technology literacy. Both of these major activities will help us to tighten up our focus on how our technology is used to deliver the curriculum through instruction and maintaining our technology infrastructure.

610 (Lenovo 100e Gen 2 AST via Trafera) our fleet of Chromebooks warranty and accidental device replacement ends on 12/31/2024. We will need to start a Chromebook replacement cycle and potentially purchase warranties for our Chromebooks.

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 will use surveys created by the school to determine accessibility, usefulness of investment in chromebooks and software for intervention and enrichment.

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.

- Time on task using technology to include Chromebooks and personal devices
- Access to the Internet when away from school
- Project-based Learning that is enhanced by technology to include critical thinking, collaboration, communication, and solving complex problems
- Time on task using technology in the classroom? At home?
- Reliability of devices provided by the school
- 24/7 access to school technology

KETS Master Plan Areas of Emphasis

Connected to the Future Ready Framework

The Future Ready Framework identifies seven Gears to assist districts in developing a roadmap for student success through personalized student learning and collaborative leadership. The KETS Master Plan has identified 37 Areas of Emphasis connected to the Future Ready Framework and are categorized as either 1) Areas of Acceleration (AA) or 2) Areas of Improvement (AI). The "areas of acceleration" are considered big wins, successes, and major milestones of the KETS are identified for continuation work. The "areas of improvement" address emerging areas based upon growth or decline metrics, research, needs assessments, and reporting by Kentucky school districts.

Use the Areas of Emphasis and Future Ready Framework as a lens to analyze current trends, initiatives, needs and goals of your district. Link the work of this new plan identified by your planning team to the Gears and Areas of Emphasis of the KETS Master Plan on the following pages. There is no expectation to address all 36 Areas of Emphasis of the KETS Master Plan. Any strategy that involves Erate, please include in the Budget & Resources gear. If your district has lease agreements (i.e.; device, fiber, etc.), be prepared to reference the quantity during the final submission process.



Robust Infrastructure & Ecosystem

Future Ready Gear

KETS GUIDING PRINCIPLE - A robust infrastructure is one that delivers the device, network and support needs of staff and students to create personalized learning environments using digital tools and resources.

Areas of Emphasis: Areas of Acceleration (AA) // Areas of Improvement (AI)







Continue to provide nation's first, fastest, highest quality, and most reliable internet access to 100% of Kentucky's public schools



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



Continue to create a culture of digital connectedness through all- the-time, everywhere, always on digital opportunity and access with emphasis on dense Wi-Fi throughout schools (also including home access, Wi-Fi buses, school and classroom Wi-Fi, etc.)



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



Improve ease of access for students and staff through continued progress toward 1:1 student to computer ratio utilizing increased amounts of mobile devices (fewer traditional computer labs)

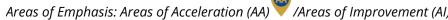
KETS AA or Al	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
All	Continue to maintain the 1:1 Technology initiative at the elementary, middle and high school level by purchasing replacement devices to maintain the fleet. Add additional devices as funds permit.	BOE, Superinte ndent, Assist. Superinte ndent of Instructio n, building Principals and DTC	Acquire new devices each year in July	Federal Program grant funding, school-base d funds and General fund and other sources	\$48,000	Students will continue to have access to 1:1 devices with minimal downtime. Chromebook replacement cycle
AA3	Maintain and continue updates to the District's wireless network by updating remaining CAT5 cabling in network closets.	DTC/CIO	Completed by June of 2024	General Funds	\$2,000	Ensure 100% of District spaces have sufficient network drops to connect devices.
AA3	Purchase Network equipment Maintenance Agreements (Switches, APs, Wireless Controllers & Other Network Hardware)	DTC/CIO	Completed by August of 2024	General Funds. KETS funds	\$2,000	Ensure 100% of District spaces have sufficient wireless bandwidth to ensure productivity.



Data Security, Safety & Privacy

Future Ready Gear

KETS GUIDING PRINCIPLE - Security, safety and privacy of student data is a cornerstone of digital learning. Policies and procedures are enacted at the state, district and school levels that work in conjunction for this purpose. Student data are then utilized by data fluent educators for improved decision-making leading to increased learning for students.









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)



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)



Continue to utilize adoption metrics or trending data for planning purposes that allow EdTech leaders to identify what's working and what's not working based upon data quality and evaluate current systems and solutions to determine effectiveness and future direction (annual auditors, TELL survey, Technology Activity Report, Digital Readiness, Data Quality Study, Data Quality Campaign, BrightBytes, SpeakUp)



Continue to migrate key administrative and student data sets to secure cloud-based services that allow anywhere, anytime secure access for the improvement of student learning (Infinite Campus, Early Warning, School Report Card, MUNIS)



Continue supporting teacher efforts in taking ownership of digital citizenship skills and education their student in the same skills to foster a secure digital learning environment



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)



Kentucky K-12 Data systems are first-class but we need to do much better with district using the data available to them as well as providing visual data analytic tools allowing the data to be better understood and more interesting to the average person who does not have a technology and data background

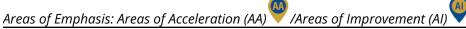
KETS AA or Al	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA1	Review all technology related policies regarding the collection, use and dissemination of data	Superinte ndent, Assistant Superinte ndent, building Principals and SBDM Councils, DTC/CIO	Completed by July 1, 2024	not applicable	\$0	100% of all policies/procedures will be evaluated and updated as needed.
AA4	Continue to migrate key administrative functions to cloud-based functions. (Voice mail, back-up of hard files) by training staff in the use of Google Drive tools	Assistant Superinten dent, DTC, building principals, teachers.	Completed by January 2024	not applicable	\$0	100% of staff will have access to Google Drive to maintain back-up files of critical documents.



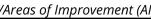
AI-4

Budget & ResourcesFuture Ready Gear

KETS GUIDING PRINCIPLE - The Master Plan, as well as district and school technology plans, are aligned to the vision of 21st century skills for students and staff. Revenue streams are aligned to account for the recurring and nonrecurring total cost of ownership to support the 21st century learning environment in a manner that reflects good stewardship of tax dollars to include devices, infrastructure, support, data and human services.









Continue to maximize local and state education technology expenditures through a system of shared/brokered/managed **AA-1** services Continue use of long-term planning strategies that allow for continuity of initiatives and systems (ex. Accounting for cost of **AA-2** ownership over the lifespan of equipment so monies are allocated for repairs/upgrades)

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)

Continue to migrate key administrative and student data sets to secure cloud-based services that allow anywhere, anytime secure access for the improvement of student learning (Infinite Campus, Early Warning, School Report Card, MUNIS)

Continue supporting teacher efforts in taking ownership of digital citizenship skills and education their student in the same skills to foster a secure digital learning environment

Make districts aware of position/roles requiring technology-related duties in support of technology and instruction (The People side of K-12 EdTech

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

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

See an increased percentage of districts examining which education technology investments are or are not being maximized

KETS AA or Al	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA1	Collect and analyze network security data including network traffic, student use and content filter reports. Provide & maintain Transparent Proxy Services to allow any network capable device to access our wireless network and to provide filtering of inappropriate network traffic	Building Principals, Faculty/Sta ff and DTC	On-going	n/a	\$0	The Kentucky Department Of Education provides Lightspeed hardware and services for this purpose at no cost to Kentucky school districts. Software needed to support student engagement included in the previous section.
AA3	Continue supporting the maintenance of a district level server to protect/isolate various aspects of the network infiltration. Provide funds to support the maintenance of district hardware and software	DTC/CIO	On-going	General fund, KETS funds and other sources	\$35,000	Ensure access to print services throughout the district 95% of the time.
All	Provide staff to maintain all District owned technology and network services.	Superinten dent	On-going	General Fund	\$65,000	There will be at least one person available to support District technology operations.
AA5	Implement Digital Driver's License for all students in grades 6-12	Superinten dent, Building principals	By October of each year.	General fund	\$0	100% of students in grades 6-12th will participate in Digital Driver's license training each year.



KETS GUIDING PRINCIPLE - Connecting students and educators to the local and global community is a key factor to student success. The Master Plan will continue to provide opportunities for trusted relationships to build those connections as well as increase communication and transparency with shareholders, including families, districts, vendors, regional education collaboratives, postsecondary institutions and business/industry, in support of student learning and preparation beyond K-12.

Areas of Emphasis: Areas of Acceleration (AA) // Areas of Improvement (AI)





AA-1

Continue to build trusted relationships with shareholders (families, districts, partners) that will reduce risk as well as increase transparency and communication (districts, vendors, higher-education, regional cooperatives)

Continue to utilize avenues of communication with shareholders allowing pertinent information and dialog to further student learning efforts (Webcasts, BrightBytes, Technology Activity Report, KETS Service Desk, Office of Education Accountability studies, independent studies, etc.)

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)



Partner with postsecondary pre-service teacher and principal programs to provide support in candidate preparation



Encourage postsecondary institutions to host STLP events and /or more fully maximize the opportunity to showcase the university and its programs while students are on campus

KETS AA or Al	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA1	Update district website, social media pages and local news outlets with information about District and School level initiatives,	BOE, Superinte ndent, Assistant Superinte ndent, Building Principals and DTC	Updated website by July 1 of 2024	General Fund, KETS or other sources of funding	GF Phone Services \$12,034.4 6 EMS LINQ Website Design & Support GF \$2,100. 00 School Messenger GF 1,700.00	Ease of website navigation, ability to have multiple web authors and editors. Maintain updated phone systems and updated one-call services.
AA3	Provide students with the opportunity to obtain Industry Certification in technology by purchasing devices that can be used to set up the Computer Science/Information Technology (CS/IT) Academy (formally known as Imagine Academy) in the PHS Media center.	School Principals, Guidance Counselor , Media Specialist, DTC	July of 2024	General Funds, KETS and Funding from the Department of Education	\$4,000 plus the .3 staffing allocatio n for Media Specialis t	10 students per year will have access to free vouchers for industry certification in Technology.



Digital Curriculum, Instruction & Assessment

Future Ready Gear

KETS GUIDING PRINCIPLE - A digital learning experience is fostered by a teacher or coach with the use of rich digital instructional materials that are vetted to the rigor of Kentucky Academic Standards. A robust digital environment provides students with the opportunity to assess their own learning/progress.

Areas of Emphasis: Areas of Acceleration (AA) // Areas of Improvement (AI)







Continue to provide access to instruction digital content which further aligns to the Kentucky Digital Learning Guidelines



Continue providing opportunities for students to demonstrate learning connected to and through technology (empowering students through technology with STLP, IT Academy, etc.)



Continue to finalize and partner with Career and Technical Education (CTE) to promote Kentucky approved K-12 Computer Science Standards and Technology/Digital Literacy Content Standards (based on International Society for Technology in Education standards) for ALL students



Continue providing access to online assessment tools that allow teachers and administrators to assess student learning, provide timely feedback to students and make curriculum decisions (online formative assessment tools, interim based assessments, and summative assessments)



Continue to provide districts/classrooms access to digital instructional materials through an equitable of robust digital experience



Identify digital content and tools (curriculum, instruction and assessment) designed to have the highest impact and value (e.g. is the technology making or not making an instructional and learning difference?), including frequency of use by teachers and students



Create a closer connection with Career and Technical Education to expand information technology and computer science career pathway offerings specifically related to computer programming/coding and increase exams available through IT Academy



Play a vital role in implementation of summative online assessment and school report card and dashboard tool of the new assessment and accountability system

KETS AA or Al	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA1	Provide students with access to online learning opportunities across the curriculum through project-based learning, digital software and by use of instructional devices	Assistant Superinte ndent of Learning, School Principals Teachers and staff	Implement ed each year	General Fund, KETS funds, Federal Project Funds and other sources of funding	\$50,000	Students will demonstrate growth in reading and math as demonstrated by assessments.
AA3	Provide opportunities for students to complete the technology pathway through a partnership with Harrison County CTE or self-directed through the Imagine IT academy.	Director of Transport ation, Principal, Guidance counselor	Implement ed each year	Funding provided by the Kentucky Department of Education and supplemente d with General Fund money.	Amo unt varies	100% of students who want to complete a technology pathway will have the opportunity to do so in person or online.
AA4	Continue using online assessment tools such iReady, FastBridge, and CERT to monitor student progress	Assistant Superinte ndent of Instructio n with building Principals	Completed three times per year	General Fund, Federal Project funds and other funding sources	Amou nt varies by year.	Progress Monitoring to Measure Academic Growth is reviewed 3 times a year following assessments.



Personalized Professional LearningFuture Ready Gear

KETS GUIDING PRINCIPLE - Digital learning expands the access to quality strategies and experiences for educators beyond the traditional methods of professional development. A culture of digital collaboration, workflow and relationships allows educators to build skill sets and instructional best practices with colleagues globally. This approach of increased access and flexibility for professional learning ultimately leads to greater success for students.

Areas of Emphasis: Areas of Acceleration (AA) /Areas of Improvement (AI)







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



Provide district with guidance and support to determine crucial learning needs of teachers resulting in more professional learning opportunities related to digital learning tools

KETS AA or Al	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA1	Provide opportunities for staff to participate in Professional Learning as it is related to the integration of digital tools and data collection for improvement of learning.	Assistant Superinten dent of Instruction and Building Principals	Yearly	General Funds Title 1 Funds and Perkins Funds	\$10,000	Positive observation by Principals in the use of instructional technology as noted in walk-through observations.
AA1	Paris 2.0 Program Teacher & Principal Training	Assistant Superinten dent of Instruction and Building Principals	Yearly	General Funds Title 2 funds and other funding sources	\$6,000	Positive observation by Principals in the use of instructional technology as noted in walk-through observations.
AI-1	Digital Learning	Assistant	Yearly	General	\$3,000	The use of teacher digital

Со	Superinter dent of Instruction and Building Principals	Funds and	learning of classroom teachers increases
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KETS GUIDING PRINCIPLE - The personalized learning environment for students requires reimagining the use of school space and time. Virtual instruction, cloud-based learning tools, digital instructional material, digital collaboration, digital workflows and digital relationships, etc., assist in providing the vehicle for anywhere, anytime learning.

Areas of Emphasis: Areas of Acceleration (AA) // Areas of Improvement (AI)







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



Educate and support districts in the implementation and facilitation of digital learning tools and portable technologies that foster anywhere, anytime access for staff and students

KETS AA or Al	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA1	Continue the expansion of online Learning management systems by using Google tools and TLP Education Resources which provide learning anywhere, anytime access to the curriculum for students and staff.	Assistant Superinte ndent of Instructio n and Building Principals	Implemented yearly	General Fund, KETS funds and other funding sources	\$0	Increase the number of students who score proficient and/distinguished across the district.
AA1	Establish a STEM lab	Assistant Superinte ndent of Instructio n and Building Principals	Completed by July 1 of 2024	General Funds Grant money, Federal project funds and other sources such as the Paris Education	\$4,000	Increase the number of students who score proficient and/distinguished in Science/Math

				Foundation.		
All	Provide hardware and software to develop a media rich makerspace at each school	Assistant Superinte ndent of Instructio n and Building Principals	Completed by July 1 of 2024	General Fund, KETS funds and other funding sources	\$15,000	Student published media content will be shared online and through other communication venues.
AA2	Empower students to establish a student help-desk for basic technology repairs	Assistant Superinte ndent of Instructio n and Building Principals, DTC	Completed by July 1 of 2024	General Fund, KETS funds and other funding sources	\$5,000	More students will enter and complete the Technology pathway.
AA5	Replace the outdated 21st Century classrooms (1st Generation SMART board) with updated interactive touch screen, TVs, or projectors	BOE, Superinte ndent, Assistant Superinte ndent of Instructio n and Building Principals, DTC CIO	Completed by July 1 of 2025	General Fund, KETS funds and other funding sources	\$75,000	Increased student engagement as observed by building Principals. Improved instructional outcomes in reading, math, science and social studies.