

DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Woodford County Public Schools

LOCATION Versailles, KY

PLAN YEAR(S) 2020-2022

WOODFORD COUNTY
PUBLIC SCHOOLS



Where Great Minds Meet

www.woodford.kyschools.us

Table of Contents

[Table of Contents](#)

[Planning Team](#)

[Previous Plan Evaluation](#)

[New Plan Preview](#)

[Student Voice](#)

[KETS Master Plan Areas of Emphasis](#)

[Robust Infrastructure & Ecosystem](#)

[Data Security, Safety & Privacy](#)

[Budget & Resources](#)

[Partnerships](#)

[Digital Curriculum, Instruction & Assessment](#)

[Personalized Professional Learning](#)

[Use of Space & Time](#)

Planning Team

District Staff [Recommended to include CIO/DTC, TIS/DLC, technician, finance officer, superintendent, academic officer, etc.]	
Scott Hawkins - Superintendent	Meghan Bottom - TIS
Bob Gibson - CIO	James Tuttle - Network Supervisor
Amy Smith - CFO	Martha Jones - DAC
Ryan Asher - CAO	
Sandy Adams - TIS	
Building Staff [Recommended to included principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Tracy Bruno - WCMS Principal	Ryan Wilson - Simmons Dean
Kevin Faris - WCHS Asst Principal	Elaine Kaiser - Huntertown Principal
Bianca Bargo - Southside Counselor	Amber Sergent - WCHS Teacher
Sophia Boderio - Northside Teacher	Callie Baney - WCMS Teacher
Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]	
Dani Bradley - Board Member	Ryan Alvey - Student Rep Board Member
Candy Luttrell - STC	Melinda Caldwell - STLP
Students [Recommended to include middle and/or high school students]	
Lyric Blackford - WCHS Student	Samara Miller - WCHS Student
Other [parents/community members, business and nonprofit leaders, etc.]	
Brad West - Parent	Emily Downey - Executive Director of the WC Chamber of Commerce

Previous Plan Evaluation

In this section include a discussion of the “expiring” (*previous year’s*) plan using the prompts below. Attempt to limit your narrative to the space provided.

What goals were met?

Curriculum and Instruction

We met the goal of expanding the 1:1 device program to grades 1 through 12. This past year we added 1st grade which completed the process. The key moving forward is rotating the purchase of devices in each building. We also met the goal of implementing and training teachers on the use of a district wide LMS system (Schoology). A few years ago we met the goal of providing qualified families home internet access through network filtered MiFi devices. These are checked out at the middle school and high school levels.

Student Technology Literacy Skills

We met the goals of continuing and expanding our technology literacy skills for students. This past year we began technology skill instruction in grades K through 5, along with continuing our DDL instruction/completion in grades 5 (MS section) and 8 (HS section).

Staff Training/Professional Development

Our digital coaches provide trainings and coaching on a daily basis to allow teachers to better utilize the instructional technology they have.

Technology Goals

We continue to meet the goal of rotating out 20% of our staff and lab devices, as well as all the building level network switches and access points. Our WAN network was also upgraded this past year with a new vendor providing 10 GB data connectivity between all buildings. We increased the functionality of the phone system by installing a major software upgrade this past year.

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

Staff Training/Professional Development

While our digital coaches are providing many trainings, more can be done to create how-to tutorial videos on the various instructional technology tools that are available. We also would like the digital coaches to expand the parent resources available on our website.

Technology Goals

Two projects we are still working on to complete are setting up our new website with a new vendor and continuing to expand our installation of touch displays in all classrooms. To date, we have installed interactive displays in over 40% of classrooms district-wide.

Areas of improvement?

We need to establish a better means of communication between parents and teachers. We need a consistent protocol so parents aren't confronted with a confusing array of platforms offered on an ad hoc basis.

Areas/goals that are no longer relevant?

We don't feel that any of the goals are no longer relevant and we will continue to improve in the delivery of services for all of the goals.

Needs that emerged after evaluation of the previous plan?

We need to implement a standardized means for communication between parents and teachers. Currently, they use multiple means. Examples include, the free version of Remind, Schoology LMS, Google Classroom, and email.

New Plan Preview

This is a high-level overview or executive summary of the plan as a whole. Attempt to limit your narrative to the space provided below.

[See [Technology Planning section of KETS Master Plan](#) for more information]

How did you and the planning team decide on the goals for this plan?

Input on the goals and strategies is provided through a series of meetings held during the school year with teachers, principals, district admins, tech department employees, students and parents. Examples of the meetings are, weekly Tech Cabinet, weekly District Cabinet, monthly whole District Admin meeting, monthly School Tech Meeting (includes Principals, Asst Principal(s), teacher, STC, tech staff and CIO), monthly Superintendent Student Council meetings, and CDIP meetings. The district CIO attends all of these meetings and is provided the opportunity to ask for input on the tech 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.

The largest activity that is new over the last two years and will continue until completion is the installation of touch displays in all classrooms across the district so that they are modern interactive classrooms. We have had projectors and smartboards across the district for many years and have recently started to replace them with touch television displays. We hope to complete this project over the next two years.

The second activity which will remain a focus is the implementation of a 1:1 device to student ratio in all classrooms grades 1 through 12. We accomplished this in the fall of 2019, so now the focus shifts to implement a device replacement plan for each school. The plan calls for elementary schools to replace two grade levels of devices each year with the middle school and high school replacing one grade level each. With this plan students in 7th grade will use the same device for 7th, 8th, and 9th grades, and then receive a new one for 10th, 11th, and 12th grades. 6th grade will receive the used devices from 9th grade each year. The elementary schools have adopted a plan that has them purchasing two grade levels each year, replacing devices in grades K and 3 in year one, followed by grades 2 and 4 in year two, followed by grades 1 and 5 in year three. This ensures that each grade level will use devices for three years and then acquire a replacement set in year four.

The breadth of our 1:1 program allows students and teachers the opportunity to access daily instruction through a standardized LMS (Schoology) and utilize paid and free content resources from various sources. State testing and growth testing are also easier as our students have the digital access they need.

Student Voice

Personalized student learning allows students to develop deeper learning competencies including critical thinking, using knowledge and information to solve complex problems, collaboration, and communication. Capturing student input about their access to opportunities that build these competencies is key to effective technology planning. Please answer the questions in the space provided below.

Do you currently have a method to collect student responses about the digital learning environment? If so, which tool (ex: BrightBytes, Speak Up, survey created by you or the district, other)?

We utilize the Speak UP survey, students in the superintendent student council, and data collected from fall and spring ELEOT walk-throughs.

If you have a method to collect student voices for this purpose, reference specific data points from the collection that were useful in developing strategies for this new plan.

This plan was influenced by reviewing ELEOT data during the fall and spring walk-throughs conducted by trained district administrators. The data indicated that the utilization of district technology for instruction is not at a similar level as the other instructional categories especially when correlated to the access of devices and software available. In fact the digital literacy section is scored at a 1.35 (4 pt scale), whereas, the lowest score in the other areas is a 2.70 in progress monitoring and feedback environment. Our goal is to increase this category to at least a 2.00 over the next couple of years.

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 37 Areas of Emphasis of the KETS Master Plan. Any strategy that involves E-Rate, please include in the Budget & Resources gear. If your district has lease agreements (i.e.; device, fiber, etc.), be prepared to reference the quantity during the final submission process.



Robust Infrastructure & Ecosystem

Future Ready Gear

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

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



AA-1: Continue to provide nation's first, fastest, highest quality, and most reliable internet access to 100% of Kentucky's public schools



AA-2: Continue to ensure equity and standardization for delivery of device, network, data and support creating best in class staff and student digital experiences AND provide a system of shared/brokered/managed services maintaining low infrastructure costs and providing support structures promoting the use of personalized learning environments



AA-3: Continue to create a culture of digital connectedness through all- the-time, everywhere, always on digital opportunity and access with emphasis on dense Wi-Fi throughout schools (*also including home access, Wi-Fi buses, school and classroom Wi-Fi, etc.*)



AA-4: Continue to encourage the use of instructional programs and administrative processes requiring cloud-based services



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

DISTRICT TECHNOLOGY PLAN

Woodford County Public Schools

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA2 AA3	Delivery of digital services to all staff and students by maintaining the following wired services: A robust full fiber WAN providing 10 Gigabit non-shared direct connections to each building from the Central Office. Providing at least 1 gigabit non-shared direct connections to each staff and student wired devices and wireless access points in each building.	CIO, Network Supervisor, WAN Vendor (MetroNet), LAN Vendor Extreme Networks	WAN was completed August of 2019 and is under contract until June 30th, 2024. LAN Network equipment replacement rotation is annual utilizing E-Rate funding.	E-Rate KETS General Fund	\$160,000	WAN network monitoring reports verifying uptime. Configuration and validation of all wired network switching equipment, and wired network reports showing speed of each connection, with periodic connection testing to validate the quality of the network connectivity and end-user experience.
AA2 AA3	Delivery of digital services to all staff and students by maintaining the following wireless services: robust fully-dense wireless coverage in each building consisting of wireless access points in each classroom capable of 30-40 wireless clients, plus sufficient wireless coverage in shared areas to provide each entire building with a seamless wireless experience in all necessary areas.	CIO, Network Supervisor, LAN Vendor Extreme Networks	LAN Network has been in place for many years but needs new equipment annually purchased on a rotation plan to meet the continuous upgrades needed.	E-Rate KETS	\$80,000	Configuration and validation of wireless network controllers and access points. Wireless network monitoring reports verifying connectivity of all access points and clients. Periodic wireless surveys to validate the quality of the signal, network connectivity, and end-user experience.
AA2 AI-1	Maintain our robust 1:1 implementation of instructional devices in all classrooms K-12. Schools purchase new devices for one or two grade levels each year so that all	CIO, School Principals, District Program Leads	Rotation occurs every year. The 1:1 program purchases two grade levels each year and the	Board 1:1 Budget, 1:1 Fees Budget, KETS, and School Budgets (usually Title 1 and	\$322,000	Purchase Orders, Monthly School Tech Meetings, Asset Inventory and Management, Rotation Plans followed, and observations.

DISTRICT TECHNOLOGY PLAN

Woodford County Public Schools

	classrooms have new devices every 4th year. Staff and lab computers will be replaced at a rate of 20% district-wide per year.		elementary schools purchase two grade levels annually.	Section 6).		
AA2	Continue installation of interactive TV's to replace the aging projectors and smart boards. They provide more flexibility for interactive learning for students and teachers.	CIO, School Principals	Three schools are now complete with four to go. The remaining four are adding 3-12 displays each year until all classrooms have them.	KETS, and School Budgets (usually PTO and Section 6)	\$24,000 each year until complete	Purchase orders, monthly school tech meetings, asset inventory and management, and observations.
AA2	Continue instructional and staff tech support through maintaining our Student Help Desks at the HS and MS. Teachers have access to digital coaches at both elementary and secondary levels.	CIO, School Technicians, Network Supervisor, and Digital Coaches	Operational now. Reflect on the services each week and how they can be improved.	KETS, General Fund, Technology Budget	\$250,000 Staff Cost	Tech tickets review. Review of PD offerings and daily sessions conducted by the digital coaches.
AA2	Upgrade and enhance our communication systems which include the premise based phones, the One Call cloud service, Firstnet mobile service, and the utilization of social media.	CIO, CFO, Network Supervisor, Communications Officer	Operational now. Reflect on the services as to the effectiveness.	General Fund, Technology Budget, Communication Officer Budget	\$150,000	Increased parent involvement after being informed and addressing parent and community questions through various means of communication.
AA3 AA4	Continue to provide AT&T Mi-Fi devices to qualified students without home internet available to ensure equitable access to digital learning and communication	CIO, Family Services, Network Supervisor	Operational now. Upgrades needed annually.	General Fund	\$20,000	Monitor device usage; feedback from families and family services.

DISTRICT TECHNOLOGY PLAN

Woodford County Public Schools

	even while away from school.					
AA4	District facilitation of purchases of online program licenses to work toward consistency and access among schools. (IXL, Lexia...) Use of Clever for rostering and sign-on. Standardizing on Schoology as the district LMS.	CIO, CAO, Digital Coaches, Curriculum Leads, Principals	Operational now but always considering which to renew and which new programs to purchase.	KETS, C & I Budgets, School Budgets	\$150,000	Data monitoring, teacher feedback, consistency of digital assets regarding curriculum goals.

**Data Security, Safety & Privacy***Future Ready Gear*

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

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



AA-1: Continue to support districts in securely accessing and managing key student and administrative data sets through improved user experiences, refined data collection processes, continuously updated policies and practices regarding student data security, and timely access to data sets that improve the depth and efficiency of student learning (*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 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*)



AA-4: Continue to migrate key administrative and student data sets to secure cloud-based services that allow anywhere, anytime secure access for the improvement of student learning (*Infinite Campus, Early Warning, School Report Card, MUNIS*)



AA-5: Continue supporting teacher efforts in taking ownership of digital citizenship skills and educating their student in the same skills to foster a secure digital learning environment



AI-1: Educate and support districts in the importance of personnel with duties related to student/staff data quality, security and privacy as well as bringing data privacy to the “radar screen” of teachers/staff (*The People Side of EdTech*)



AI-2: Kentucky K-12 Data systems are first-class but we need to do much better with districts 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

DISTRICT TECHNOLOGY PLAN

Woodford County Public Schools

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA1	Enacting strong password policies as recommended by the state. Promptly responding to security alerts from our various systems. Periodically reviewing and assessing settings of our various systems.	CIO, Network Supervisor, Principals	New password policy implementation by June 30th, 2020 unless KDE allows an extension.	KETS, 1:1 Fees Budget	\$20,000	Reviewing security alerts from Google and User Monitored Systems.
AA1 AI1	Continuing to train staff on the proper handling and use of data they have access to and are responsible for. Purchase Cyber Liability and Privacy insurance policy.	CIO, IC Coordinator, IC Clerks , CFO	Operational Now. Annual training to staff. Insurance Policy has been purchased	General Fund	\$5672	Reviewing staff members' questions as to whether emails are phishing attempts and their overall questions as to whether some digital activity is suspicious.
AA2	Periodic review of Acceptable Use Policies for students and staff.	CIO, Network Supervisor, Tech Staff	Operational Now. Reviewed annually to see if changes are needed.	NA	\$0.00	Review the AUP annually to ensure it covers the necessary areas and addresses any new concerns that have developed.
AA2	Continuous review and updating of internet filtering systems (Lightspeed, Blocks, etc.) to ensure use is educational and appropriate.	CIO, Network Supervisor	Operational Now.	KETS	\$13,000	Review of the reports in Lightspeed and Blocks.
AA3	Continue to use Impact, Speak Up Survey, ELEOT data to compare utilization from year to year and to identify areas of progress and need.	CIO, Network Supervisor, Digital Coaches, Principals	Operational Now	C & I Budgets, KETS	\$10,000	Review data from Impact, Speak Up and ELEOT to determine need and implement a plan for improvement.



Budget & Resources

Future Ready Gear

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

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



AA-1: Continue to maximize local and state education technology expenditures through a system of shared/brokered/managed services



AA-2: Continue use of long-term planning strategies that allow for continuity of initiatives and systems (*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*)



AI-1: Make districts aware of position/roles requiring technology-related duties in support of technology and instruction (*The People side of K-12 EdTech*)



AI-2: 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*)



AI-3: Evaluate the need and explore new contracts that drive costs down for statewide summative online assessment, learning management systems, printing services and interim based assessments



AI-4: See an increased percentage of districts examining which education technology investments are or are not being maximized

DISTRICT TECHNOLOGY PLAN

Woodford County Public Schools

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA2	Device Rotation Plan for elementary level and 1:1 Program.	CIO, Principals, Tech Staff	Operational Now.	KETS, Board 1:1 Budget, School Budgets	\$230,000	All student chromebook devices are replaced every 4th year of use.
AA2	E-Rate funding for periodic replacement of APs and switches at each school.	CIO, Network Supervisor, and Tech Staff	Operational Now	KETS	\$35,000	APs and switches are replaced in each building every 5 years.
AA1	Facilitate the renewal of Munis and Infinite Campus.	CIO, CFO	Operational Now	General Fund	\$58,000	KDE recommends them and they have accomplished their intended results for years.
AI-1	Continue the utilization of one IC Clerk per school building, one technician to run the HS and MS student Help Desk, and four technicians assigned to the school buildings.	CIO, IC Coordinator, IC Clerks, and School Techs	Operational Now	General Fund and KETS	\$400,000 in staff cost	The separation of duties has allowed our data into systems to be accurate and all systems to run smoothly for the district. We will continue to review to ensure this data quality continues.
AI-2	Continue to leverage the RFP process to lower the copier lease contract and click charge cost for maintenance.	CIO, Superintendent, CFO	Operational Now	General Fund, School Budgets, Department Budgets	\$109,000 annually	Review monthly PaperCut reports to determine which schools or programs to target for discussions.
AI-3	Maintain the standardization of a district wide LMS service (Schoology) so that costs can be shared and schools can leverage online assessments, and online assignments for regular or NTI instruction.	CIO, CAO, Principals	Operational Now	C & I Budgets, KETS	\$50,000	Review teacher utilization of Schoology for instruction and assessments.

AI-4	Reviewing our asset programs over the years led to multiple changes until we found the system (One to One Plus) that maximizes our value for the service it provides.	CIO, Tech Staff	Operational Now	KETS and Tech Budget	\$5300 Annually	Continue to implement more of the features in the asset system and review its effectiveness for inventory and a tech ticket system.
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Partnerships

Future Ready Gear

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

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



AA-1: Continue to build trusted relationships with shareholders (families, districts, partners) that will reduce risk as well as increase transparency and communication (*districts, vendors, higher-education, regional cooperatives*)



AA-2: 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.*)



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*)



AI-1: Partner with postsecondary pre-service teacher and principal programs to provide support in candidate preparation



AI-2: Encourage postsecondary institutions to host STLP events and /or more fully maximize the opportunity to showcase the university and its programs while students are on campus



AI-3: Build relationships with charter schools to determine policies and procedures related to architecture/design, systems security and privacy, services and reporting requirements

DISTRICT TECHNOLOGY PLAN

Woodford County Public Schools

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-1	The One Call system, social media, and district and school websites are utilized daily to openly communicate with all families.	CIO, Communications Officer, Principals	Operational Now	General Fund	\$25,000	Review feedback from the public on social media, One Call Reporting, and website surveys.
AA-1	The district utilizes a district liaison and the Family Resource Centers to actively seek families needing support and communicates often with them for individual needs and school-wide communication.	DPP, Superintendent	Operational Now	General Fund, FYRSC Grant	\$150,000	Review communication logs and the ongoing communication with families.
AA-2	Continue to utilize student responses from the SpeakUp survey to determine classroom and home technology instructional needs. Also, administrators utilize ELEOT walkthrough data in scoring the digital instructional needs of their buildings.	CIO, CAO, DAC, Principals	Operational Now	C & I Budgets	\$21,000	Data review followed by an action plan set by district administrators.
AA-3	The district has partnered with multiple colleges and universities for dual-enrollment opportunities in various fields. Students gain high school and college credit along with a college	CAO, Superintendent, HS Principal, HS Counselors	Operational Now	General Fund	\$10,000	The high school and district admins review the number of students in dual-enrollment courses each year and how successful the students were in each course.

DISTRICT TECHNOLOGY PLAN

Woodford County Public Schools

	experience during these partnerships.					
AA-3	Continue the district partnerships with multiple technical schools so that students learn skills for a trade which they can leverage after high school.	CAO, HS Principal, HS Counselors	Operational Now	NA	NA	The high school principals review the number of students enrolled in tech school courses each year and track how successful they were in the course and also their placement in employment or further related education.
AI-1	Continue the partnership with multiple colleges and universities for student teachers. Help train student teachers in existing and emerging educational technology.	CAO, CIO, Principals, Mentor Teachers	Operational Now	NA	NA	Review the number of student teachers hosted and upon completion have them complete an exit survey.
AI-2	Continue school level STLP Programs for students to create digital projects in order to compete in Regional and State Showcases located on college campuses. Encourage students to seek summer programs focused on engineering and technology.	CIO, Digital Coaches, and STCs	Operational Now	NA	NA	Review the number of student digital projects for regional and state competition. Review project quantity and quality.



Digital Curriculum, Instruction & Assessment

Future Ready Gear

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

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



AA-1: Continue to provide access to instructional digital content which further aligns to the Kentucky Digital Learning Guidelines



AA-2: Continue providing opportunities for students to demonstrate learning connected to and through technology (*empowering students through technology with STLP, IT Academy, etc.*)



AA-3: Continue to finalize and partner with Career and Technical Education (CTE) to promote Kentucky approved K-12 Computer Science Standards and Technology/Digital Literacy Content Standards (*based on International Society for Technology in Education standards*) for ALL students



AA-4: Continue providing access to online assessment tools that allow teachers and administrators to assess student learning, provide timely feedback to students and make curriculum decisions (*online formative assessment tools, interim based assessments, and summative assessments*)



AA-5: Continue to provide districts/classrooms access to digital instructional materials through an equitable and robust digital experience



AI-1: Identify digital content and tools (curriculum, instruction and assessment) designed to have the highest impact and value (e.g. is the technology making or not making an instructional and learning difference?), including frequency of use by teachers and students



AI-2: Create a closer connection with Career and Technical Education to expand information technology and computer science career pathway offerings specifically related to computer programming/coding and increase exams available through IT Academy



AI-3: Play a vital role in implementation of summative online assessment and school report card and dashboard tool of the new assessment and accountability system

KETS AA or AI	Strategy	Person(s)	Anticipated	Anticipated	Anticipated	How will you know this is
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DISTRICT TECHNOLOGY PLAN

Woodford County Public Schools

		Involved	Timeframe	Funding Source	Funding Amount	successful? (including metrics)
AA-1 AA-3	Implement the WCPS Elementary Technology Curriculum which is based on the KY Digital Learning Guidelines.	Digital Coaches, CAO Principal, Teachers	Operational Now	NA	NA	Review the mastery of tech skills assessed at each grade level K-5.
AA-2	Provide opportunities for student involvement in various programs such as STLP, Engineering, Robotics, and eSports.	CIO, CAO, Digital Coaches STLP Coordinators , Teachers, and eSports coach.	Operational Now	General Fund, C & I, School Budgets	Budget Varies	Review the quality and quantity of the student projects and the number of participants.
AA-4 AI-3	Implement teacher and school level utilization of online assessments within the Schoology and Edgenuity platforms.	CIO, CAO, Digital Coaches Principals	Operational Now	C & I, KETS	\$50,000	Review reporting on the quantity of online assessments utilized during the year.
AA-5	Continue our equitable and robust 1:1 program which provides device access to all students in grades 1-12 and dense classroom wireless.	CIO, Network Supervisor, Principals	Operational Now	KETS, School Budgets	\$370,000	Monitor student use and access to educational technology and building reviews for wireless access.
AI-1	Utilize school tech meetings and the district level admin meetings to determine which content software licensing is effective and worthwhile.	CIO, CAO, DAC, Principals, Curriculum Coaches	Operational Now	School Budget, C & I, and KETS	\$125,000	Monitor student growth reports built into the various software platforms along with other progress monitoring data.
AI-2	Increase utilization of the MOUS Certification program	CIO, HS Principal,	Operational Now	KDE	NA	Monitor student certification reports built into the CertiPort and

	to certify student competency with Microsoft Office Suite products and solutions. Increase participation in the Hour of Code and other programming opportunities.	Business Teachers				programming systems.
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Personalized Professional Learning

Future Ready Gear

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

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



AA-1: Continue building a culture of digital collaboration and connected digital relationships that allow administrators to support and encourage the use of digital tools by staff for professional learning.



AI-1: Provide district with guidance and support to determine crucial learning needs of teachers resulting in more professional learning opportunities related to digital learning tools

DISTRICT TECHNOLOGY PLAN

Woodford County Public Schools

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA-1	Continue monthly school tech meetings for planning purchases, determining the level of digital implementation, and support digital projects the school wants to implement.	CIO, Principals, STC, Network Supervisor, Digital Coaches	On going	Depends on the project.	Depends on what decisions are made in each building.	Review the data available for the different projects we are implementing.
AA-1	Digital Coaches supporting teachers with gaining Google Certifications.	CIO, Digital Coaches	Operational Now	Tech Budget	\$2000 annually	Digital Coaches review the number of teachers that gain certification monthly.
AI-1	Utilize data from Impact Survey to determine digital instructional needs teachers indicate they need for Professional Development.	CAO, CIO, Principals	Operational Now	NA - No cost to us.	\$0.00	Review the Impact Survey results to see what teachers see as areas of professional growth for them individually and as a school group.
AI-1	Implement digital instruction professional development through the District's Best Practice Academy. Sessions will be based on teacher input from the Impact Survey and any new software purchased for the new school year.	CAO, DAC, CIO, Digital Coaches, Principals	Operational Now	C & I Budgets, KETS, Tech Budget, and School Budgets	\$4000	Review walk-through data during the school year to see if the PD sessions are positively impacting classroom instruction and where more support or training may be needed.



Use of Space & Time

Future Ready Gear

KETS GUIDING PRINCIPLE – The personalized learning environment for students requires reimagining the use of school space and time. Virtual instruction, cloud-based learning tools, digital instructional material, digital collaboration, digital workflows and digital relationships, etc., assist in providing the vehicle for anywhere, anytime learning.

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



AA-1: Continue to provide guidance, support and resources for districts in the development and application of high quality online/virtual coursework as well as implementation of learning management systems



AI-1: Educate and support districts in the implementation and facilitation of digital learning tools and portable technologies that foster anywhere, anytime access for staff and students

DISTRICT TECHNOLOGY PLAN

Woodford County Public Schools

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA1	Continue the full implementation of the Schoology LMS across the district for use in delivering online assessments and virtual classrooms.	CAO, CIO, Digital Coaches, Principals	On going now.	C & I Budgets, KETS, Tech Budget	\$50,000	Review the level of implementation and effectiveness through Schoology reports and ELEOT walk through data.
AA1	Continue the implementation of the Edgenuity Platform to create a blended learning environment for all classroom teachers, as well as utilizing it for credit recovery and initial credit courses in our alternative school environments.	CAO, CIO, Network Supervisor	Operational Now	C & I Budgets		Review the mastery of learning leading to increased graduation rates for students in WAVE, SWS, Night School, and the in-person alternative school.
AI1	Provide wireless access to school common areas such as gyms and cafeterias and to homes through the MiFi program.	CIO, Network Supervisor	Operational Now	Board Budget	\$20,000	Continue to monitor usage and assess the need for student home access.