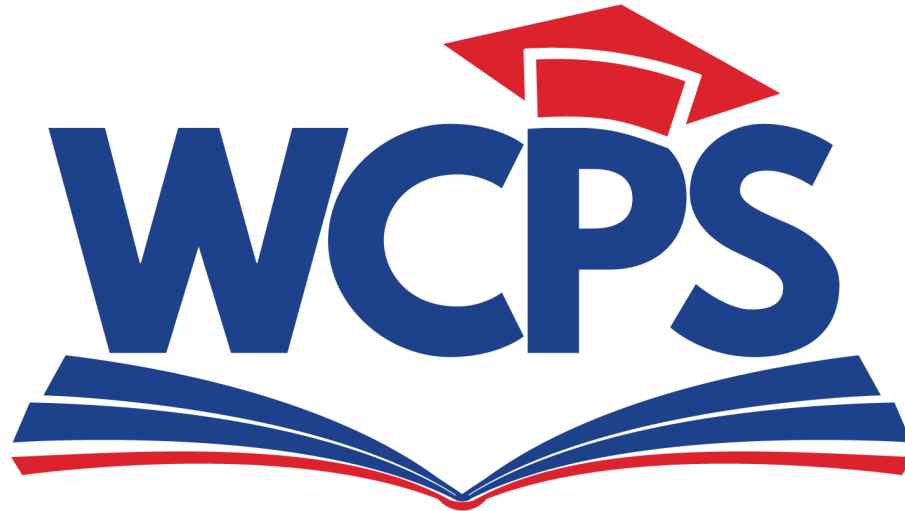


DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Warren County

LOCATION Bowling Green, KY 42101

PLAN YEAR(S) 2025-2026



www.warrencountyschools.org

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Planning Team

District Staff	
Amy Buss, Director of Technology	Christi Beam, Instructional Technology Coordinator
Brenda Bitner, Part-Time Technician	Chris Blakley, Network Engineer
Adam Vincent, Digital Learning Coach	Glenn Crousore, Network Administrator
Abe Varghese, Technology Systems Coordinator	Grant Heckman, Technician
Kyle Houts, Technician	Dylan Howard, Data Engineer
Brett Jackson, Technician	Ashley Vincent, Digital Learning Coach
Neil Minyard, Security Systems Technician	Dustin Pitts, Technician
David Rutledge, Network Engineer	Tyler Gulley, Technician
Michael Updegraff, Network Engineer	Amanda Neighbors, Tech Dept Substitute Account Clerk
Jacob Poston, Low Voltage Programmer	Patty Witty, Part-Time Technician
Billy White, Technician	Cameron Hill, Technician
Neal Wolfram, Technician	David Vance, Digital Learning Coach
Tiffany Creager, Tech Department Account Clerk	

Building Staff	
Alvaton Elementary—Blair Hanes	Oakland Elementary—Rhea Isenberg
Briarwood Elementary—Christy Zinobile	Plano Elementary— Ashley Spears
Bristow Elementary—April Major	Rich Pond Elementary—Kim Posey/Jessica Harper
Cumberland Trace Elementary—Amanda Jacobson	Richardsville Elementary—Barry Sanders
Drakes Creek Middle—Renee Hale	Rockfield Elementary—Penny Morgan/Nick Oliver
Greenwood High—Cameron James	South Warren High—Sarah White
Jennings Creek Elementary—Rachel Smiley	South Warren Middle—Dee Dee Webb
Jody Richards Elementary— Laura Terry	Warren Central High—Elise Sauber
Lost River Elementary—Ashley Merideth	Warren East High—Nicole Lee

DISTRICT TECHNOLOGY PLAN

Warren County Public Schools

Moss Middle—Ruthie Baker	Warren East Middle—Lee Ann Shearon
Natcher Elementary—Shannon Miller	Warren Elementary— Amy Gibson
North Warren Elementary—Leslie Jones	GEO International High School- Katie Whitney

District Contributors

Rob Clayton, Superintendent	Kyle Cassady, Assistant Superintendent
Sarah Johnson, Assistant Superintendent	Chris McIntyre, Chief Financial Officer/Chief Operations Officer
Debra LaSala, Director of Elementary Instruction	Daryl Woods, Director of Secondary Instruction
Jeanie Hopkins, Director of EL/Federal Programs	Monica Heavrin, Director of Special Education
Robbie Flora, Data Analysis and District Improvement Coordinator	Stephanie Paynter, District Assessment Coordinator

Students

Surya Rasuli-WCHS Student Technology Intern	
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Other

Mr. Garry Chaffin, Board of Education Chairman	Mrs. Amy Duvall, Board of Education Vice-Chair
Mr. Thomas Manco, Board of Education Member	Mr. Adam Jackson, Board of Education Member
Ms. Jennifer Kash, Board of Education Member	

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?

Goals of the district technology plan are written with a sense of ongoing action and a focus on continuous improvement/refinement. All goals were met to the level of expectation for the 2024-2025 technology plan.

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

Measuring attainment of the ISTE Teacher Technology Standards has not yet resulted in a systematic, district wide process which can be consistently implemented.

Areas of improvement?

The plan is written from a continuous improvement point of view so all aspects of technology implementation and integration work are viewed as areas where improvement is anticipated and expected.

Areas/goals that are no longer relevant?

None

Needs that emerged after evaluation of the previous plan?

Additional staffing for supporting technology implementation and integration.

Additional funding to sustain current levels of technology access.

Consistent method of scaling professional learning and technology standards to a large district through an edtech ambassador cohort.

Automation to make district processes more efficient & effective.

Use of classroom management tools & practices for successfully implementing technology.

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?

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 Warren County Public Schools Technology Plan is a roadmap for implementing technology in all of the district's schools and facilities. The mission of the Technology Department for the Warren County Public School District is to integrate technology into the educational program in order to:

- improve the quality of education by using technology to support the educational process,
- improve the curriculum delivery to help meet the needs of educational equity across the curriculum,
- provide access to technology for all students and staff to increase student/teacher understanding of technology,
- better serve the special needs student,
- provide for student-centered learning,
- provide students with the employability and life skills to become a self-sufficient individual,
- enhance communication between district/school and stakeholders,
- promote digital citizenship and the proper use of technology.

With the rapid changes in technology, planning for technology in schools is an ongoing process. The Warren County School's District Technology Committee meets to discuss technology needs and implementation in the district. The committee periodically reviews student achievement data, teacher observation summaries, and employee survey results as part of the decision making process. Based on this data, the district and school three-year technology plans are updated annually to reflect goals that have been achieved, remove goals that are no longer applicable, and address new needs that have emerged. Plans are approved by individual school site-based councils as well as being reviewed by the district technology committee. The district committee works with school and Kentucky Department of Education representatives to implement technology programs for students and staff in the district. In addition, the district's Technology Department works directly with school and district personnel to facilitate the daily implementation of technology throughout the district. This plan applies to all funding sources for technology purchases including construction, local instructional funds, state and local KETS funds.

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)?

In partnership with the Studer Education Group, Warren County Public Schools implements four different survey instruments to gather feedback on all aspects of district operations. These surveys include: Employee Engagement, District Services, Parent Satisfaction, and Student Services. While not specifically about technology operations and implementation, these measures provide leaders and the district technology committee with important insights into the perceived effectiveness of the work assigned to the Technology Department. Data from district wide implementation of state required (Impact Kentucky, etc.) surveys will also be evaluated as applicable. A student voice survey will be implemented in 2024-2025 to gather information from students on digital citizenship and digital agility.

Additionally, the district technology department will start conducting technology rounding sessions with students at each school in order to gain feedback on technology access, and learning through the use of 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 37 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) 



AA-1: Continue to provide the 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 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 AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
Goal: Provide for a variety of effective safety tools in school facilities.	The WCPS Tech Dept will install security cameras and necessary components (cabling) at multiple locations in an effort to improve/enhance student safety.	Technology Office staff, School Leadership, District Leadership	2025	Erate General Fund Other-School Safety Property Tax Construction Funds	\$600,000	camera usage completion of installs
Goal: Provide for a variety of effective safety tools in school facilities.	The WCPS Tech Dept will continue installing door access controls for student safety at 4 locations each year and 4 doors at each location.	Technology Office staff, School Leadership, District Leadership	2025	Grant Money	\$250,000	completion of installs
 AA-2	The WCPS Tech Dept will provide server virtualization through the use of VMWare.	Technology Office Staff	Ongoing	General Fund	\$10,000	computer usage software usage
 AA-1	The WCPS Tech Dept will continue to provide a secure, fiber-optic network for all WCPS facilities.	Technology Office staff District Leadership	Ongoing	Erate General Fund	\$180,000	network activity reporting wireless testing & surveying computer usage stats
 AA-1  AA-3	The WCPS Tech Dept will maintain network equipment so that staff/students have access to the network both via wired and wireless connections.	Technology Office staff District Leadership	Ongoing	Erate General Fund	\$500,000	network activity reporting wireless testing & surveying computer usage stats Juniper Install at 11 Elementary Schools Purchase & Maintenance of VM





DISTRICT TECHNOLOGY PLAN

						Server
Goal: Provide digital display/casting solutions for all WCPS classrooms	The WCPS Tech Dept will maintain display panels and wireless presentation equipment in all classrooms.	Technology Office staff, School Leadership, District Leadership	Ongoing	KETS General Fund Title I	\$5,000	Work Order Reports
Goal: Provide for a variety of effective communications tools in school facilities.	The WCPS Tech Dept will install new intercom systems at 3 locations.	Technology Office staff, School Leadership, District Leadership	2024	General Fund	\$100,000	completion of installs & staff usage
Goal: Provide quality A/V solutions for school facilities	The WCPS Tech Dept will support upgrades of A/V equipment at multiple locations	Technology Office staff, School Leadership, District Leadership	2024	General Fund	\$300,000	completion of installs & staff usage
 AA-3	The WCPS Tech Dept will provide support for wifi on the Preschool Little Learners Bus and at district fueling stations. Support will also be provided for the wifi on the WCPS/WCPL Mobile Classroom Bus.	Technology Office staff, School Leadership, District Leadership	Ongoing	Grant Funded General Fund	\$8,000	network activity reports student device usage staff device usage data plan use


DISTRICT TECHNOLOGY PLAN

 AA-4	<p>The WCPS Tech Dept will provide support for operational systems (food service, maintenance, transportation, IC, etc.), data management, and reporting needs.</p>	<p>Technology Office staff, School Leadership, District Leadership</p>	<p>Ongoing</p>	<p>General Fund</p>	<p>N/A</p>	<p>Staff usage, Studer district services survey</p>
 AA-4	<p>The WCPS Tech Dept will provide support for Raptor Visitor Management software at all WCPS facilities.</p>	<p>Technology Office staff, School Leadership, District Leadership</p>	<p>Ongoing</p>	<p>General Fund</p>	<p>\$50,000</p>	<p>usage data visitor management logs</p>
<p>Goal: Provide for a variety of effective safety tools in school facilities.</p>	<p>The WCPS Tech Dept will continue utilization of a video/camera management software for all district IP cameras.</p>	<p>Technology Office Staff, School Leadership, District Leadership</p>	<p>2024</p>	<p>General Fund</p>	<p>\$50,000</p>	<p>Milestone reports</p>
 AA-2	<p>The WCPS Tech Dept will continue to adhere to a process for account creation & management.</p>	<p>Technology Office Staff</p>	<p>Ongoing</p>	<p>General Fund</p>	<p>\$65,000</p>	<p>Rapid Identity</p>
<p>Goal: Provide for a variety of effective communications tools in school facilities.</p>	<p>The WCPS Tech Dept will continue to maintain & support for VOIP phones throughout the district.</p>	<p>Technology Office Staff</p>	<p>2024</p>	<p>General Fund</p>	<p>\$56,289.60</p>	<p>IP Office Avaya Support</p>

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<p>Goal: Support and maintain devices to allow for increased access for instructional resources</p>	<p>The WCPS Tech Dept will support and maintain all district-owned devices (Macs, PCs, Chrome, iOS)</p>	<p>Technology Office Staff</p>	<p>Ongoing</p>	<p>General Fund KETS Title</p>	<p>\$1,500,000</p>	<p>work orders parts/repair invoices TAR Report</p>
<p> AA-1  AA-2  AA-3</p>	<p>WCPS will provide infrastructure (network, devices/device maintenance, support for cameras) support to nontraditional schools or departments (alternative schools, area tech center, transportation dept, food service dept).</p>	<p>Technology Office Staff, School Leadership, District Leadership</p>	<p>Ongoing</p>	<p>General Fund Erate</p>	<p>Part of district projects</p>	<p>network reports</p>
<p> AA-4</p>	<p>WCPS Tech Team will utilize remote desktop solutions and computer management solutions to provide remote technical/instructional support for teachers and staff.</p>	<p>Technology Office Staff</p>	<p>Ongoing</p>	<p>General Fund</p>	<p>\$90,000</p>	<p>Usage reports Filewave Incident IQ Dameware</p>

DISTRICT TECHNOLOGY PLAN



<p>Goal: Provide and support a variety of effective tools in school facilities to increase physical safety.</p>	<p>WCPS Tech Team will maintain 2 way video intercoms at various school entrances throughout the district to increase safety measures for entry/exit. The WCPS Tech Team will also support computers and multiple displays of security camera feeds located in the school offices in order to increase safety measures.</p>	<p>Technology Office Staff</p>	<p>Ongoing</p>	<p>General Fund/Safety</p>	<p>\$15,000</p>	<p>Safety Audits Door Access</p>
<p> AA-3</p>	<p>WCPS schools can elect to provide hotspots for wifi accessibility for students with an unmet need.</p>	<p>Technology Office Staff, School Hot Spot Lead</p>	<p>Ongoing</p>	<p>SBDM KETS Title 1</p>	<p>\$14,400</p>	<p>ISP Usage Reports Incident IQ Checkouts</p>



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 education 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 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

DISTRICT TECHNOLOGY PLAN

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  AA-2:	The district's data management policy and procedures will be reviewed and updated annually.	District Data Management Committee	June	N/A	N/A	Policy document School Board presentation and approval
 AA-2  AI-1	The WCPS Tech Dept will provide leadership, support, resources, and related technical assistance to school and district leadership to promote, train, and enforce the district's data management policy implementation.	Technology Office staff, District Leadership	Ongoing	N/A	N/A	Public School Works PD Training Records District App Approval Process Vendor Compliance Documentation PhishID ShieldID SafeID
 AA-5	The WCPS Tech Dept will provide resources and professional support for digital citizenship instruction	Technology Office Staff	Ongoing	N/A	N/A	Digital Drivers License Data Common Sense Media Data Digital Citizenship Implementation Plan Digital Citizenship Academy Participation
 AA-2	The WCPS Tech Department will evaluate current password policies and adhere to the KDE recommendations for security.	Technology Office Staff	Ongoing	General Fund	N/A	Use of Rapid Identity
 AA-2	The WCPS Tech Dept will maintain a district app approval process to ensure that vendors are in compliance with district privacy policies	Technology Office Staff	Ongoing	N/A	N/A	app request logs app usage Incident IQ

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 AA-2	<p>The WCPS Tech Dept will utilize a 3rd party (Veeam) for encrypted server backups to provide data security & disaster recovery.</p>	<p>Technology Office Staff</p>	<p>Ongoing</p>	<p>General Fund</p>	<p>\$11,040</p>	<p>backup data logs</p>
 AA-4  AA-2	<p>The WCPS Tech Dept will continue use of classroom management software to monitor student safety while using digital tools</p>	<p>Technology Office Staff, School Leadership</p>	<p>Ongoing</p>	<p>General Fund KETS</p>	<p>\$70,000</p>	<p>network reports Go Guardian reports</p>
 AA-4	<p>The WCPS Tech Dept will continue utilization of Google Admin to implement best security practices for student/staff accounts and Chrome devices.</p>	<p>Technology Office Staff, School Leadership</p>	<p>2023</p>	<p>Grant Money General Fund Title Money</p>	<p>\$325,000</p>	<p>Chrome management license POs Google Admin Reports Gopher for Chrome & Gmail Reports</p>
 AA-2	<p>The WCPS Tech Dept will maintain the KDE provided GoGuardian filter for optimum network security and compliance with CIPA</p>	<p>Technology Office Staff</p>	<p>Ongoing</p>	<p>N/A</p>	<p>N/A</p>	<p>GoGuardian logs/reports</p>
 AA-2	<p>The WCPS Tech Dept will continue establishing & promoting the use of individual user & device account logins.</p>	<p>Technology Office Staff, School Leadership</p>	<p>Ongoing</p>	<p>N/A</p>	<p>N/A</p>	<p>Active Directory workstation data/reports Identity Automation/Rapid Identity</p>
 AA-2	<p>The WCPS Tech Dept will continue account security best practices with multi factor authentication for all staff accounts.</p>	<p>Technology Staff</p>	<p>Ongoing</p>	<p>N/A</p>	<p>N/A</p>	<p>Google Admin Security Reports Rapid Identity Implementation Logs</p>

 AI-1	WCPS will do regular network penetration testing, data security audits and other security assessments in an effort to ensure safety/security.	Technology Staff	Ongoing	General Fund Grant Funds	\$50,000	Security Assessment Data Penetration Testing Reports
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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

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 District Technology Plan will be reviewed and updated annually.	Technology Office staff, District Technology Committee School Leadership, District Leadership	November - January	N/A	N/A	Revised Technology Plan board presentation
 AA-2	The WCPS Tech Dept will provide planning and implementation guidance to all aspects of the district's ERate proposals, funding, and purchases.	DTC, Technology Office Staff, District Leadership	December - March	N/A	N/A	ERate documentation and reimbursements
 AI-3	The WCPS Tech Dept will continue investigating the lowest cost for maximizing school/district KETS funding (bulk pricing, etc.)	Technology Office Staff, School Leadership	Ongoing	N/A	N/A	purchase order quote data vendor quotes
 AI-1	District Personnel Staffing Session to communicate staffing needs for ongoing student, staff and device support	District Leadership, DTC	Annually in Spring	N/A	\$1,000,000	Staffing Plan revisions
 AI-4	The WCPS Tech Dept and WCPS Finance Department will track/log all software purchases for the district in accordance with GASB 96 requirements as well as data	Technology Office Staff, School Leadership, District Leadership	Ongoing	N/A		Google shared Drive Software Contracts

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	security requirements.					
 AI-2  AI-3	The WCPS Tech Dept will utilize print server (Papercut) and digital best practices to efficiently manage printing and reduce print costs.	Technology Office Staff, District Leadership	Ongoing	N/A	\$185,000	Network Printer Data POs for print costs
 AI-2	The WCPS Tech Dept will continue investigating cloud-based fax services.	Technology Office Staff, District Leadership	Ongoing	General Fund	\$10,000	Cloud Fax Reports



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

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	WCPS will continue partnership with Studer Education Group to provide metrics for the department's customer service focus and employee engagement practices.	DTC, District Leadership	Ongoing	General Fund	\$68,000	Studer Reports
 AA-1	The WCPS Tech Dept will increase staff participation in GRREC, KySTE, ISTE, Network training, cybersecurity training, conferences, and workshops.	Technology Office Staff, District Leadership	Ongoing	KETS General Fund Federal Program Grant School-based Other	\$25,000	Registration and attendance records
 AA-3	WCPS will continue communication efforts by offering online registration through Infinite Campus and utilization of IC Messenger. WCPS will also utilize Talking Points as a multilingual communication platform for families.	Technology Office Staff, School Leadership, District Leadership	Ongoing	General Fund	\$130,000	IC messenger logs IC Parent Portal usage Talking Points usage Clever usage reports
 AA-1	The WCPS Tech Dept will continue its partnership with TN Valley Robotics and Advance Kentucky in support of computer science education efforts	Technology Office Staff, School Leadership	Ongoing	N/A	N/A	Participation in Advance KY cohort, First League League, STLP, SOKY Robot Royale and other robotics tournaments

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 AA-1  AA-3	<p>WCPS will continue partnerships with local community groups to expand digital citizenship & digital agility awareness (law enforcement, other schools, GRREC, KET, KDE, Community Organizations, etc.)</p>	<p>Technology Office Staff, School Leadership, District Leadership</p>	<p>Ongoing</p>	<p>N/A</p>	<p>N/A</p>	<p>Digital Citizenship Academy Digital Citizenship Curriculum & School Implementation Plan</p>
 AA-1	<p>WCPS will continue partnerships with regional/state collaboratives (DLC and CIO),, WKU, etc. in an effort to provide professional learning opportunities for educators.</p>	<p>Technology Office Staff, School Leadership, District Leadership</p>	<p>Ongoing</p>	<p>N/A</p>	<p>N/A</p>	<p>Walk-through evidence of professional learning, Participation in DLC & CIO regional meetings</p>
 AA-1	<p>WCPS Tech Team will support the partnerships between WCPS and the Warren County Public Library to create a mobile classroom to extend learning opportunities and community outreach to underserved areas.</p>	<p>Technology Office Staff, School Leadership, District Leadership</p>	<p>Ongoing</p>	<p>N/A</p>	<p>N/A</p>	<p>Network Reports Schedule of mobile classrooms</p>



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 instruction 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 of 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

DISTRICT TECHNOLOGY PLAN

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  AA-4  AA-5	The district will promote the use of web-based content management, instructional, assessment, and communication systems (e.g., Apex Learning, Google Classroom, Pear Assessment, HMH, iReady, ActiveClassroom, etc.) for instruction and collaboration.	Technology Office Staff, District Leadership, School Leadership, Teacher Leaders	Ongoing	General Fund Federal Program Grant School-based Other	\$2,000,000	Usage Reports, Purchase Records, Training Records, Student Progress Reports Clever Usage Reports
 AA-1  AA-2	WCPS will require all students to demonstrate basic computer literacy skills. Schools will use the ISTE Standards for Students and KDE Tech Standards to incorporate technology into the classroom. Students will use technology as part of their regular classroom instruction.	Technology Office Staff, District Leadership, School Leadership, Teacher Leaders, Classroom Teachers	Ongoing	N/A	N/A	Student work, graduation records
 AA-4  AI-1  AI-3	The WCPS Tech Dept will provide training and support for the instructional data management and reporting needs of the district.	Technology Office Staff, District Leadership	Ongoing	N/A	N/A	Instructional software reports
 AA-2	The WCPS Tech Dept will work with all student subpopulations on classroom projects that build technology literacy skills.	Technology Office Staff	Ongoing	N/A	N/A	Student work Student Google Certifications Student Industry Certifications
 AA-2	The WCPS Tech Dept will work with STLP participants to build technology literacy skills.	Technology Office Staff	Ongoing	General Fund KETS	\$20,000	Student work

DISTRICT TECHNOLOGY PLAN

 AI-1	<p>The WCPS Digital Learning Coaches will continue to offer both Virtual and/or In-Person PDs on use of appropriate digital tools to increase the professional growth of staff.</p>	<p>Technology Office Staff, Teachers</p>	<p>Ongoing</p>	<p>N/A</p>	<p>N/A</p>	<p>Professional Development Registration Data, Walk-Through Data</p>
 AA-2  AA-3  AI-2	<p>The WCPS Digital Learning Coaches will continue to offer support and opportunities for computer science (coding, robotics)</p>	<p>Technology Office Staff, District Leadership, School Leadership, Teachers</p>	<p>Ongoing</p>	<p>N/A</p>	<p>N/A</p>	<p>STLP Girls Who Code participation First Lego League Participation First Tech Challenge SOKY Robot Royale Hour of Code Week CS First Development of CS Curriculum and District Plan Development of Computer Science Cohort</p>
 AA-1  AA-2	<p>The WCPS Tech Dept will continue to provide access and support with a Digital Citizenship Curriculum and provide community resources & support.</p>	<p>Technology Office Staff, District Leadership, School Leadership, Teachers</p>	<p>Ongoing</p>	<p>N/A</p>	<p>N/A</p>	<p>Digital Drivers License Data PD Digital Citizenship Implementation Plan Digital Citizenship Portal Common Sense Media Be Internet Awesome</p>
 AA-4	<p>The WCPS Tech Dept provides infrastructure and software support for all formative/summative assessments (district common assessments, Pear Assessment, iReady,, Access, industry certifications, ACT, KSA, etc.)</p>	<p>Technology Office Staff, District Leadership, School Leadership</p>	<p>Ongoing</p>	<p>N/A</p>	<p>\$135,000</p>	<p>Testing Data</p>

 AA-1	<p>The district technology office supports data integrity and synchronization for various instructional and operational systems. This support includes use of various custom and third-party tools that allow for secure data transfer between the impacted systems. These systems and tools include, but are not limited to, Rapid Identity, Clever, Imagine Learning, Horizon Food Service Point of Sale, Teach Point, Infinite Campus, HMH/Scholastic, Renaissance Learning, employee id badge, visitor check-in, and behavior management.</p>	<p>Technology Office Staff, School Leadership, District Leadership</p>	<p>Ongoing</p>	<p>Grant Money General Fund</p>	<p>\$25,000</p>	<p>Usage of Rapid Identity and Clever</p>
 AA-5:	<p>WCPS will utilize an accessibility tool districtwide to help provide equity with digital instructional materials (ex. Read & Write for Google).</p>	<p>All WCPS Staff & Students</p>	<p>Ongoing</p>	<p>Grant Monies General Fund</p>	<p>\$35,000</p>	<p>Report Usage data from Texthelp Assessment Results</p>
 AI-2	<p>WCPS will continue to promote the responsible and ethical use of Artificial Intelligence to improve learning outcomes, provide scaffolds for a growing EL population, improve teacher/staff efficiency and provide access to digital learning competencies to increase the digital agility of our students.</p>	<p>All WCPS Staff & Students</p>	<p>Ongoing</p>	<p>General Monies</p>	<p>\$100,000</p>	<p>Various AI platforms such as MagicSchool AI</p>



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

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  AI-1	The district technology office staff will continue to provide 1:1 professional development opportunities to district staff.	District Technology Staff, district leadership	Ongoing	General Fund	N/A	PLC meeting records training records staff and student survey data teacher proficiency in the use of technology
 AA-1  AI-1	Technology Office staff will be available to train, encourage, and assist teachers to: <ul style="list-style-type: none"> •meet the ISTE Standards for Teachers. •continue using interactive technology in their classroom instruction. •implement instructional strategies that use mobile device technologies. •training for high quality distance learning experiences 	District Technology Staff, Distance Learning Coordinator, district leadership	Ongoing	General Fund	N/A	PLC meeting records training records staff and student survey data teacher proficiency in the use of technology Tech checkout sheet
 AA-1  AI-1	WCPS Tech Portal and WCPS YouTube Channel will provide support for all areas of tech integration (infrastructure, instruction, daily tech processes)	District Technology Staff, STCs, All Staff	Ongoing	N/A	N/A	Analytics Data for Tech Portal and YouTube Channel

 <p>AI-1</p>	<p>The WCPS Instructional Tech Dept will continue to support an annual EdTech Ambassador Professional Learning Cohort to build capacity and digital collaboration efforts at each of our schools.</p>	<p>Technology Office Staff, District Leadership, School Leadership, Teacher Leaders</p>	<p>Ongoing</p>	<p>Title 4 Funding</p>	<p>\$60,000</p>	<p>EdTech Ambassador Cohort School Innovation Projects School Digital Fluency Professional Development Plans</p>
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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

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  AI-1	The Technology Office staff will provide training on how to create online course materials and deliver effective instruction online.	District Technology Staff, District Leadership	Ongoing	N/A	N/A	Training records, Professional Development records
 AA-1  AI-1	With the assistance of the Technology Office staff and STLP (Student Technology Leadership Program) Students, teachers will become more proficient in the use of technology by developing various instructional projects that use technology to enhance student learning and achievement.	Technology Office Staff, District Leadership, School Leadership, Teacher Leaders	Ongoing	N/A	N/A	Training records, Professional Development records, various classroom student projects
 AI-1	The WCPS Tech Dept will provide support for the installation of wifi on the preschool Little Learners bus to ensure digital access for underserved members of the community.	Technology Office Staff, District Leadership	Ongoing	N/A	N/A	network activity reports student device usage staff device usage data plan use

DISTRICT TECHNOLOGY PLAN

<p>Goal: WCPS will increase community partnerships to offer unique learning environments for students.</p>	<p>WCPS Tech Team will support the partnerships between WCPS and the Warren County Public Library to create a mobile classroom to extend learning opportunities and community outreach to underserved areas.</p>	<p>Technology Office Staff, District Leadership, WCPL Staff</p>	<p>Ongoing</p>	<p>N/A</p>	<p>N/A</p>	<p>Mobile Classroom Usage</p>
<p> AA-1</p>	<p>The WCPS Tech Dept will continue to provide infrastructure and support for distance learning students including our virtual middle/high school, Beacon Academy.</p>	<p>Technology Office Staff, District Leadership, School Leadership</p>	<p>Ongoing</p>	<p>N/A</p>	<p>N/A</p>	<p>Enrollment data Clever usage reports (by school)</p>