

Kentucky Education Technology System
DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Spencer County Public Schools

LOCATION Taylorsville, KY

PLAN YEAR(S) 2023-2024



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Planning Team

District Staff [Recommended to include CIO/DTC, TIS/DLC, technician, finance officer, superintendent, academic officer, DAC, etc.]	
Chuck Abell, Acting Superintendent	Cathy Sherrard, Technician
Lori Riddle, Chief Information Officer	Lisa Rowe, Technician
Amanda Butler, Chief Academic Officer/DAC	Freddie Sharp, Technician
Steven Rucker, Chief of Student Support	Emily Baldwin, Technician
Greg Murphy, Chief of Finance	Patti, Lancaster, Data Integrity Officer
Todd Russell, Director of Special Education	
Building Staff [Recommended to include principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Sara Jump, Principal, Taylorsville Elementary School	Nikki Tackett, DLC, Taylorsville Elementary School
Jared Scott, Principal, Spencer County Elementary School	Samantha Dennis, DLC, Spencer County Elementary
Matt Mercer, Principal, Spencer County Middle School	Laura Gabbard, DLC/LMS, Spencer County Middle School
Michael Phillips, Principal, Spencer County High School	Katie VanVactor, DLC, Spencer County High School
Bob Hafendorfer, Principal, Hillview Academy	
Bob Coot, Principal, Spencer County Early Learning Center	
Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]	
Students [Recommended to include middle and/or high school students]	
Other [parents/community members, business and nonprofit leaders, etc.]	

Previous Year's Strategies Evaluation

In this section include a discussion of the previous year's strategies using the prompts below. Attempt to limit your narrative to the space provided.

What strategies from last year went well?

- Address need for student access to a virtual academy option for those that can benefit from remote learning. Spencer County Virtual Academy through Kentucky Online Learning Experience Collaborative (KYOLXC) is successfully increasing the number of students participating with 58 students. We are expanding this goal to include these students in the 1 to 1 scenario.
- Analyze digital content and tools (curriculum, instruction, and assessment) and their impact and value, including effectiveness and frequency of use by teachers and students.
The district is continually monitoring and evaluating the digital content and tools provided to students and teachers. Classroom teachers and School Instructional Leadership teams vet program options, survey staff for needs and preferences, and examine evidence-based research in order to choose the most effective and user-friendly products that are also aligned to Kentucky Academic Standards. Our digital learning coaches then provide professional development, modeling, coaching, and other support to assist our teachers with the use of these instructional materials.
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Goals that were not met or didn't have the expected outcomes?

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

- Technology Resource Teacher (TRT) full time position is no longer needed due to the four part-time Digital Learning Coaches in each school.

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

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?

District Technology personnel and planning team reviewed past goals, initiatives, a needs assessment as indicated by the district improvement plan, and other resources to create goals relevant to our district. District Technology personnel conducted various surveys with students and faculty to receive feedback which was analyzed and discussed by the planning team. Evaluating these metrics and integration within the district along with the population growth, allows us to plan implementations and strategies to maintain a continued focus on areas that need improvement.

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.

Spencer County Public Schools believes in providing equal and increased access to technology tools in accordance with the master plan ratio for each school level while continually improving upon the speed of network and internet connections. Utilizing technical staff to resolve working issues with the network and user devices along with the digital learning coaches to provide meaningful training through integration and usage of district invested technologies for all staff.

Our vision is to excel in the utilization of technology as a tool in the 21st century classroom to support higher level learning, problem solving, and critical thinking. This tool must be used to differentiate and enhance learning in all subjects for every student and safe schools. Students use a Learning Management System (LMS) such as Microsoft, Google, Edgenuity, Summit Learning and other resources like the internet to reinforce core and elective curriculum. Our goals are to build and maintain an infrastructure throughout the district to supply access to these technologies and more to support the needs of all students, staff, district buildings, and schools. This includes wired and wireless connectivity to the intranet and internet. Wireless connectivity will be created and maintained with density inside and outside of the school building areas sites. It is the school's leadership that decide what edge devices are needed for their staff and students. These needs are exposed in an annual school level technology plan.

Information Technology will assist each school in preparing a technology plan tailored to their needs. Each plan will include current technology, future technology needs, and technology consumable needs. All Core academic subjects should be presented with 21st century themes such as innovation, information, media, life, career, and technology skills.

- Begin to make investments in 1:1 technology for students
- Create a refresh schedule of staff devices
- Continue to seek cost savings through programs like e-Rate and partnerships with organizations such as OVEC.

- Focus on supporting schools with targeted technology professional learning needs.
- Improve learning opportunities for students through various tools such the use of innovative learning platforms and strengthening their digital citizenship knowledge.
- Continue to emphasize data security and accuracy with staff and students
- Work with KDE to transition the KDE Internet services to Education Networks of America (ENA)

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)?

Currently, the district is using Google Forms to send out surveys to students and staff. The student surveys are loaded into Clever. The computer lab teachers and/or Library Media specialists provide time for students to complete the surveys.

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.

Student response is overall positive in the benefits of technology within the district. Elementary students are in need of a stronger digital citizenship curriculum. Older students are excited about the opportunities with a 1 to 1 plan and newer devices.

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) 

 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 <i>(also including home access, Wi-Fi buses, school and classroom Wi-Fi, etc.)</i>
 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 <i>(fewer traditional computer labs)</i>

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	<i>Upgrade wireless network with a brokered network as a service partner including collapsing to a single SSID.</i>	<i>CIO, Vendor Partner</i>	<i>completed by Aug 1, 2022</i>	<i>Erate KETS General Fund Federal Program Grant School-based Other</i>	<i>\$5000</i>	<i>Usage increases by 50% and devices connected increases by 20% per day.</i>
AA-1 AA-2 AA-3	Continue contracted support of Basic Maintenance of critical network infrastructure.	CIO	2023-2024	KETS Local ERate	\$2,500	Network uptime and reliability will continue to meet the needs of students and staff; ERate Documentation
AA-1 AA-2 AA-3	Continue contracted support of a managed wired and wireless internal broadband user experience.	CIO	2023-2024	KETS Local ERate	\$1,500	Networks Logs ERate Documentation
AA-2 AI-1	Evaluate the effectiveness and sustainability of a 1:1 initiative through strategic instructional partnerships and planning.	CIO/CFO/CAO	2023-2024	KETS General Funds	\$300,000	
AA-2 AA-4	Teacher workstations, intelligent classroom components, and instructional software will be evaluated/replaced/added as needed.	CIO/CFO/CAO/ Tech dept	2023-2024	KETS General Funds		
AA-2 AA-4	Continue to support teachers in the use of Google Suite for Education (GSuite) solution specifically Google Drive and Google Docs to encourage	CAO/LMS/CIO	2023-2024	n/a	n/a	Internal Survey Results Professional Learning Feedback



	collaboration and offer adequate file storage.					
AA-3	Maintain phone services to provide access to outside telephone lines for the purpose of communicating with parents and other stakeholders.	CIO/CFO	Ongoing	General Funds		TAR Report Munis Reports
AA-3 AI-1	Upgrade lab devices to support Engineering and Computer Science pathways and purchase supporting resources and materials as needed.	HS Principal/CTE Teacher	2023-2024	Perkins Local Technology	\$32,000	



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

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)
AI-1 AA-1 AA-5	Conduct Staff Data Security and Privacy training via the Safe Schools training platform (note: Safe Schools is used for other training requirements as well).	CIO	yearly within the first month of school	General Fund		100% completion rate of the training.
AA-2	Review AUP for students and staff for possible areas to revise.	CIO, Ad Hoc Committee	yearly	n/a	n/a	Acceptable Use Policy will address the latest laws, regulations, and best practices.
AA-2	Review Infinite Campus tool rights and group assignments.	DIO	yearly during the Summer months	n/a	n/a	Ensuring proper rights assignments will reduce the risk of unwanted access to data systems.
AI-1 AA-1 AA-5	Annual Board of Education Update on Data Security and Privacy	CIO	Yearly by August 30th	n/a	n/a	Board meeting minutes will indicate that notification was provided.
AA-2	Collect Digital Citizenship Instruction Logs.	CIO	yearly prior to the end of the school year	n/a	n/a	Logs will provide documentation that digital citizenship instruction is taking place in accordance with CIPA and e-Rate requirements.
AA-5	Review Digital Citizenship curriculum and make revisions as necessary	DLC(s)	yearly	n/a	n/a	Ensure that students are provided with the most current information on appropriate online behavior.
AA-3	Leverage capabilities of content filter and wireless network features to offer a more secure experience and allow unique access based on roles and policy. Ensure secure and reliable access.	Tech Dept	As needed	n/a	n/a	LightSpeed Reports



AA-2	Audit workstation administrator rights. (Utilize PDQ Inventory to help with this task.)	Tech Dept	yearly	Technology funds		Ensuring proper rights assignments will reduce the risk of unwanted access to data systems
AA-4	Ensure that data synchronization between software platforms is working as expected, including the use of Clever.	CIO/CAO	yearly	n/a	n/a	Periodic comparisons between data systems will yield identical information.
AA-1 AA-2	Investigate and pursue solutions to perform routine and secured back-ups of administrative devices and pertinent data.	CIO	As needed			
AI-1	Improve and expand building and grounds security measures such as, but not limited to, IP security cameras, administrative viewing stations, and access control	CIO/CSS Safe Schools Coordinator Principals Federal Programs Director	Ongoing			Safe School Audit Results











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*)
-  **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** 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



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

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-3	File for eRate eligible services and products. See strategies in the infrastructure section for specifics on this	CIO	yearly 470 - by Dec 15 471 - by Mar 15 486 - by Oct 15 472 - quarterly or after purchase	n/a	n/a	The district will receive a discount on fiber services (Category 1) and a discount on internal connections (Category 2).
AA-3	Continue to match KETS Offers and submit required reports/plans. Technology Activity Report Digital Readiness Survey District Technology Plan	CIO/CFO	yearly in Fall, Winter, Spring respectively	n/a	n/a	
AA-2	Continue to purchase Chromebooks for the 1:1 program. Transition to purchasing new Chromebooks for 3 rd graders, 6th graders and 9th graders every year	CIO/CFO	ongoing	KETS General Funds	\$300,000	All students in grades 3 through 12 will have access to their own digital learning device every day.
AA-3	Continue to purchase Microsoft Campus Agreement	CIO/CFO	2023-2024	General Funds	\$8,000	Microsoft License Allocations
AA-1	Continue to purchase hosted service agreement for the Student Information System (Infinite Campus).	DIO/CFO	2023-2024	General Funds		
AI-2	Evaluate the purchase of annual instructional digital content & resources. (Renaissance Learning, MAP Assessment, Dreambox,	CIO/DLC/CAO Instructional Supervisors School Administration	2023-2024			



	Lexia, etc.)					
AI-2	Schools will continue to maintain or renegotiate Copier Leases.	CIO/CSS	2023-2024	General Funds		
AI-2 AI-3	District to evaluate purchase of Papercut for copiers with MF Readers	CIO/CSS	2023-2024	General Funds	\$1335 per month	Reduce amount of paper used in printing
AI-1	Successful digital learning tools will be expanded through peer-coaching and flexible professional learning options.	DTC Principal(s) Instructional Supervisor(s)	Ongoing	n/a	n/a	Schools will be better able to make informed decisions on the apps and software that they purchase
AA-1 AA-2	Continue to purchase District Website and district-branded application. Migrated Febraury 2023 to Finalsite CMS system for modern site upgrade	Supt. Admin Assistant/CIO/ CFO	2023-2024	General Funds		
AI-1	Technology Staff will work with Spencer County High School to create a student-led level-one technical helpdesk call center; providing immediate communication for educators, answer frequently asked questions, and provide real-time needs to technology staff for more efficient triage of technical assistance.	DTC Principal CTE Department Data & Communicatio ns Specialist	2023-2024			








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

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	Administrative Team and Teachers will participate in conferences and/or workshops offered through KySTE to improve digital workflow, digital relationships and digital collaboration. Teachers will investigate effective use of technology to personalize and differentiate lessons.	Instructional Supervisor(s) CIO Tech Dept Classroom Teachers Library Media Specialists	Yearly in March	General Funds	\$4,000	Internal Survey Results Professional Learning Feedback
AA-1	Participate in regional technology meetings: CIO meeting, technician's meeting, OVEC IT meetings	Tech Dept	Monthly	n/a	n/a	Technology staff will build collaborative relationships with personnel in other districts
AA-1	Continue to volunteer for STLP state in a judging capacity or otherwise.	CIO	Yearly in Mar/Apr	n/a	n/a	Volunteers will remain up-to-date on STLP events and competitions.
AI-2	Students will participate in Student Technology Leadership Program (STLP) to showcase learned technology skills.	DTC Instructional Supervisor(s) STLP Coordinator(s)	2023-2024			STLP Results Number of participants in program
AA-2	Continue to communicate with parents, students and the community through the district website, Facebook, Twitter, etc	District and School Leaders	Ongoing	n/a	n/a	Parents, students and the community will receive timely updates regarding school events.











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 (<i>empowering students through technology with STLP, IT Academy, etc.</i>)
 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 (<i>based on International Society for Technology in Education standards</i>) 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 (<i>online formative assessment tools, interim based assessments, and summative assessments</i>)
 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

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-2	Regrow participation in STLP at both the regional and state level.	CIO, Asst Supt, Principals, STLP Coaches	Ongoing	n/a	n/a	Students will have the opportunity to participate and compete in one of the largest student competitions in the U.S.
AA-1	Utilize the Summit Learning platform and curriculum at Taylorsville Elementary School and Spencer County Middle School	Asst Supt, Principals	2023-2024			Students will have the opportunity to learn in a project-based learning environment. Student achievement will demonstrate a positive effect from this approach.
AA-1	Continue to provide a 1:1 learning experience for all schools.	CIO, CFO, Asst Supt	2023-2024	KETS Funds		All students in grades 3 through 12 will have access to their own digital learning device every day.
AA-2	Implement learning opportunities that the IT Help Desks at Spencer County High School	CIO HS Principal Tech Dept	Ongoing	KETS Funds		Help desk students will have the opportunity to practice the knowledge and skills necessary to be a member of an IT support team.
AA-1	Utilization of various software for learning and assessment (list not exhaustive): GoFormative GradeCam Screencastify PearDeck GimKit Reading Plus ALEKS	District and School Leaders	Ongoing			Software and digital content will be used to support student instructional needs.
AA-1	All students will complete the Digital Citizenship (or equivalent) curriculum. Elementary Computer Applications classes will incorporate curriculum for	Instructional Supervisor(s) Principals DTCs Library Media Specialists	2023-2024	n/a	n/a	Career Pathway End of Path Assessment Results Industry Certification Results Enrollment to Program



	media literacy and digital citizenship into 3rd-6th grade classes.					
AA-1	The district will continue to assess and implement keyboarding skills across appropriate grade levels with goals aligned to Reading and Writing Standards	CIO Principals Instructional Supervisor(s)	Ongoing			benchmark timed typing assessments
AA-3	The district will offer career majors through the Career & Technical Education Program focusing on Business, Programming, Engineering, and Game & Digital Design	CIO Instructional Supervisor(s) CTE Teacher	2023-2024			



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	Send 2 teachers and/or LMS per school along with technicians from the technology department to the KySTE conference.	CIO/CAO/CFO	Yearly in March		\$4000	Participating teachers will share ideas and resources with their school upon their return.
AA-1	Inform teachers of other technology-centered professional learning opportunities	CIO/CAO Instructional Supervisor(s)	Ongoing			
AI-1	Teachers and Technicians will receive training and support for the Google Apps for Education family of products to encourage effective	Instructional Supervisor(s) CIO Tech Dept	Ongoing			Google Certification Results

	collaboration, offer increased file storage, and provide various tools to support technology integration. AI-1					
AI-1	Teachers will participate in Impero Classroom Training to improve classroom management and effectively interact with student devices.	CIO				Professional Learning Survey Results and Feedback



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

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	Utilize the Summit Learning platform and curriculum at Taylorsville Elementary School and Spencer County Middle School	CAO, Principals	Ongoing			Students will have the opportunity to learn in a project-based learning environment. Student achievement will demonstrate a positive effect from this approach.
AA-1	Continue to provide Blended Learning courses at Spencer County High School	HS Principal	Ongoing			Students will have increased opportunities to participate in work-based learning experiences
AA-1	Continue to provide a 1:1 learning experience for all schools	CIO, District and School Leaders	Ongoing	General Fund, KETS	\$300,000	All students in grades 3 through 12 will have access to their own digital learning device every day.
AA-1	Continue to utilize Google Classroom as a method to	CIO, District and School				The number of active classes will remain steady or increase.

	expose students to online/virtual coursework.	Leaders				
AA-1	Continue to provide Virtual Learning Academy	District				
AI-1	Provide virtual learning help/tutorials to parents, students, and teachers.	Tech Dept, LMSs, DLC	Utilize the district website technology page with ongoing updates	n/a	n/a	Parents, students and teachers will have access to resources to help them navigate the world of online learning.