

# DISTRICT TECHNOLOGY PLAN

**DISTRICT NAME** Henderson County

**LOCATION** Henderson, KY

**PLAN YEAR(S)** 2019-2021



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## Planning Team

District Staff	
Marganna Stanley, Superintendent	Brian Bailey, Director of Technology
Cindy Cloutier, Director of Finance	Kris Gordon, Director of Instructional Technology
Jo Swanson, Asst. Superintendent of Teaching and Learning	Taylor Bennett, Digital Learning Coach
Steve Steiner, Asst. Superintendent of Administration	Stacey Fish, Digital Learning Coach
Tammy Sagez, Systems Support Manager	Taylor Ricker, Digital Learning Coach
Chad Kietzman, Network Administrator	Stephen Johnson, District Network Technician
Jeremy Chandler - District Technician	Kevin Alsup - District Technician
Tammy Jacobs - District Technician	Tammy Brown - District Technician
Kris Mayes, Director of Special Education	Jennifer Walters, District Technician
Megan Mortis, Public Information Officer	Tracy Belfield, Program Consultant Special Education

Building Staff	
Chad Thompson, Principal Henderson Co. High School	Rebecca Johnson, Principal - North Middle School
Chris Powers, Asst. Principal South Heights Elementary	Amanda Lacer, CTE Principal
Allison Whitson, Media Specialist Cairo Elementary	Monica Gain, Media Specialist East Heights Elementary
Susan Overton, Media Specialist South Heights Elementary	Randa Gary, Media Specialist Early Learning Center
Hannah Hudson, Media Specialist Bend Gate Elementary	Nate Fish, STC Henderson County High School
Aprilea Stroud, STC Henderson County High School	Keith Stone, STC Henderson County High School
Caleb Ellis, School Technician North Middle School	Patricia Culbertson, STA South Heights Elementary School

Students	
Clayton Meuth, Student Henderson County High School	

Other	
Lisa Baird, Board Chairman	

## Previous Plan Evaluation

### *What goals were met?*

- All of the goals outlined in the 2018-2019 EdTech plan were achieved.

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

- One area of improvement that we will focus on from the previous plan will be to further engage the District Instructional Coaches in becoming EdTech leaders in their respective schools.
- We will re-evaluate the need for each school to have their own website hosted on the platform we pay a subscription for. We will consider transitioning the individual school websites to "Google Sites" which is a free platform in order to reduce total hosting costs for the District.

### *Areas of improvement?*

- We will focus on increasing the intentional digital citizenship instruction using common resources during consistent timelines in all schools and grade levels.
- We will continue to focus on improving the effective implementation of the 4 C's for all teachers.

### *Areas/goals that are no longer relevant?*

- Although we will no longer use the CareerCruising platform, we will continue to complete an ILP for each student using a digital backpack program developed in partnership with Amplified Labs and Google..

### *Needs that emerged after evaluation of the previous plan?*

- There is a need to create consistency between the roles and responsibilities for the STA & STC positions in each school.

## 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?*

A group of 36 stakeholders participated in a planning session to create the current plan. The 36 participants were assigned to a group based on each gear of the Future Ready Framework. There was intentional effort to create these teams based upon the diverse roles that each participant fills within the district.

*Briefly discuss the major activities slated for implementation and how these activities will advance curriculum and instruction integration, student technology literacy, professional development, & technology infrastructure.*

We will be leveraging KETS and E-rate funding for several technology infrastructure projects. If funded by USAC we will refresh 10 data closets in 6 schools. We will also refresh our server and storage solution in the district Datacenter during the summer of 2019. We will continue to use a mixture of KETS, federal, and local funding sources to expand and sustain our 1:1 initiative.

Throughout the 2018-2019 school year we have implemented a graduate profile artifact curation. This is part of a larger implementation to increase the effective use of the 4 C's and build world class skills based around communication, critical thinking, collaboration, initiative and innovation. This work will continue and expand over the next few years. Digital learning coaches and instructional coaches will continue to meet with teachers and expand effective integration practices that lead to enhancement of student learning.

## 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)?*

Yes, we currently use BrightBytes to collect responses from students, staff and parents. The BrightBytes survey is collected two times per year (Spring and Fall).

*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.*

An analysis of our most recent survey data shows that our overall district CASE score remains in the “Advanced” category. All schools individually show a higher CASE score than both the Kentucky cohort and the Technology and Learning cohort with the exception of one school which improved over the last collection and was only a single point below the Technology and Learning cohort. Our schools excel in the “Access” category with an exemplary score and show strong “Skills” and “Environment” scores which are in the “advanced” range. Our biggest need still lies within the “Classroom” category with proper digital citizenship and usage of technology to enhance learning both from staff and students.

## **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 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*)

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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)
<b>AA-2</b>	Upgrade district server cluster with latest technology	Director of Technology/ Vendor partner	Completed by June 30, 2019	Restricted Funds - Capital Outlay	\$230,000	Core services will be able to scale as needed to continue to serve customers as needed. .
<b>AI-1</b>	Improve district policies and procedures to streamline the repair process.	Director of Technology, District support team, school level support team, Vendor partners	2020 school year	N/A	\$0.00	Repair times will be less than 5 business days from the time of drop off.
<b>AA-3</b>	Continue to follow refresh rate on end user devices by budgeting needed funds.	Director of Technology, Director of Instructional Technology, Director of Finance	Ongoing/yearly	General Fund	\$600,000	We will continue to give incoming freshman and 6th graders new devices.
<b>AA-4</b>	To provide a safe and monitored environment for administrative processes. Both hosted and cloud solutions.	Technology department	ongoing/yearly	Safe Schools/BG Projects	\$50,000	By installing access control, cameras, visitor check in stations, panic buttons and bus routing software. This ensures a successful, efficient and safe environment for our staff and students.



## 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

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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)
<b>AA-5</b>	<p>Continue professional learning and implementation of GoGuardian filtering system</p> <p>Expand digital citizenship education to PK-2 as currently implemented in 3-12.</p>	<p>Director of Instructional Technology</p> <p>Digital Learning Coaches</p> <p>All Teachers</p>	Ongoing	General Fund	\$7/student (\$53,000 )	<p>Documentation of professional learning sessions with teachers on GoGuardian;</p> <p>GoGuardian data and reports; reduce number of "alert" incidents by 10% annually</p> <p>Reports of 100% student completion of digital citizenship lessons</p>
<b>AA-3</b>	<p>BrightBytes survey for students, staff, and parent/guardians; results used for next steps in improving technology access/use/resources</p> <p>TELL survey data employees/families</p>	<p>Director of Technology</p> <p>Director of Instructional Technology</p> <p>Digital Learning Coaches</p> <p>School/District Administrators</p>	<p>Twice annually</p> <p>Every two years</p>	Provided by state	\$0.00	Use of data results to improve technology access, use, effectiveness to address goals in technology plan; continually work towards moving individual BrightBytes indicators to proficient levels or higher as based on specific results annually (or as administered).

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<p><b>AI-1</b></p>	<p>Annual confidentiality training to include data security and privacy as well as permissioning issues and communication (SSN, IEP, FRAM, Google, etc.)</p> <p>District IC team user groups and rights.</p> <p>Review current process/procedures for monitoring and consequences for data security/privacy.</p> <p>Fully implement KnowBe4 as a training platform for all users.</p>	<p>Director of Human Resources</p> <p>Director of Student Services</p> <p>Director of Assessment/Accountability</p> <p>Director of Special Education</p>	<p>Required annually</p>	<p>General Fund</p>	<p>\$6,800/yr.</p>	<p>Professional learning records of training completion (100% staff)</p> <p>Auditing/monitoring of IC user rights (annually)</p> <p>Updated policies/procedures regarding data security/privacy</p> <p>KnowBe4 reports</p>
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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)
<b>AA-3</b>	Take full advantage of E-rate & KETS funding to maximize technology across the district.	Director of Technology	Ongoing	USAC/FCC/KDE	TBD (Expected to be \$150+ per student)	Based upon successful E-rate filings and project completion.
<b>AA-3</b>	Collaborate with the Director of Finance, Superintendent, and Board of education to plan for ongoing refresh of all EdTech resources. Including but not limited to moving the cost of the annual 1:1 device refresh from a capital expenditure to an annual operational expense.	Director of Technology Director of Finance Superintendent Board Members	2019-2020 School year	General Fund	\$600,000	We will know that the cost to refresh the 1:1 devices is included as a line item on the district budget that is approved by the board.
<b>AI-1</b>	Participate in a “know your Tech Team” staff spotlight event.	Director of Technology & Care Committee	Ongoing	N/A	\$0.00	We will keep a checklist to ensure all EdTech staff members are included in at least 1 spotlight throughout the 2 year EdTech plan timeline.
<b>AI-4</b>	Analyze expenditures on EdTech instructional software subscriptions and cross reference with usage reports..	Director of Technology Director of Instructional	Ongoing	General Fund for Extreme Networks software licensing.	\$36,000	We will leverage the training that has been received in the use of Extreme Analytics to provide reports to the Instructional Team.

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		Technology				
<b>AI-2</b>	Explore the option of an RFP for managed print services to compare pricing against our current contract with Alpha Laser.	Director of Technology Director of Finance	During the 2019-2020 funding cycle.	N/A	TBD	We will evaluate the RFP responses and create an action plan based upon an analysis of the responses received.



## 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

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)
<b>AA-2</b>	Develop Helpdesk Programs at all Elementary, Middle, and High Schools by the end of 2020-2021 school year.	TSC Support personnel Help Desk Elementary-3rd-5th STC or STA Form a district committee to start and monitor student help desk at all schools	Middle School-2019-2020 school year  Elementary-2-3 years expand high school program Junior year working towards senior year a paid position (apprenticeship)	Apprenticeship program General Fund  Education Foundation for scholarships	\$7.45/hr.	Offer scholarships to Help Desk Students. incentive points at elementary High School students (all positions become paid positions/co-op and high school help desk)  Apprenticeships  Student starts at elementary school level and stay involved throughout middle and high school  branding name of student help desk for elementary, middle, and high school.  Interview process for students and job role/description  Consistency in roles and responsibilities with STC and STA positions across the district Establish Training Process  Lenovo Certified-high school level
<b>AA-1</b>	Engage in tech talks with parents at back to school nights/orientations/literacy nights etc..by May 2020 in all schools.	Middle School Digital Learning Coach  STA (middle	2019-2020			Background how to take care of chromebooks Communication needs to be there about Digital Citizenship FAQ for Parents page for technology questions

# DISTRICT TECHNOLOGY PLAN

		school and elementary) STC (extra paid position)				<p>Table at school events/nights Have students from Help Desk, events, brochures, etc.. Middle School Literacy Events Readifest</p> <p>Chromebook pick-up part of student orientation at Scheduling Day at high school with information for students and parents/ 5 min talk quick tech talk. Video message</p> <p>Video message-parent link</p>
<b>AA-3</b>	Engaging Community with student technology.					<p>HCC visiting elementary schools Guest Speakers-technology Technology Talk- guest speakers talking to students Technology Tour-digital tour to show at community speaking events. Advisory Committee/Industry review curriculum, technology, up to date, standards, etc.. 2 meetings per year.</p> <p>List free wifi areas in Henderson Library/ FAQ Downtown</p> <p>WiFi on School buses (begin with longest routes)</p> <p>Help Desk/Co-Op Students attend career days at elementary schools.</p> <p>School EdTech Hub as a Designated Area for wifi between</p>

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						hours of 3:00-5:00 p.m. Discount for county store/business to have a discount wifi.
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## 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)
<b>AA-1</b>	Read 180 and System 44 which are Scholastic © Reading Intervention programs will continue to be implemented at North Middle School, South Middle School, Central Academy (CAS), and Henderson County High School as a response to Intervention (RTI) for improving reading performance based on assessment data.	NMS, SMS, CAS, HCHS Reading Intervention Teachers	19-21 School Years	General fund	TBD	Reading performance assessment data rise. Students “graduating” out of RTI. Read 180 Reports System 44 Reports NWEA Reading Growth/Progress Reports
<b>AA-1</b>	Headsprout ©, an early intervention reading program, will be used to promote early reading readiness skills.	Assistant Superintendent of Teaching and Learning  School Principals  Classroom Teachers	19-21 School Years	Title I Title II IDEA B General Fund	\$20,000 / year	Student achievement levels in reading will be increased.  Headsprout reports
<b>AA-1</b>	Compass Learning, Education Galaxy, IXL or similar curriculum program will be implemented at elementary schools to promote both ‘catch up’ growth and accelerated growth in students.	Classroom Teachers  Assistant Superintendent of Teaching and Learning	19-21 School Years	Title I Title II General Fund	\$6 / student  (\$20,000)	Compass Learning / IXL reports  NWEA Reports of student growth/progress

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<b>AA-2</b>	Continue to develop and expand STEAM labs in media centers (makerspaces)	HCS Library Media Specialists	19-21 School Years	General fund	\$50,000	Classes embedding makerspaces through their curriculum
<b>AA-3</b>	Computer Science Course	Mr. Peerce	19-20 School Years	General Fund	\$0	Course enrollment and pass rate
<b>AA-3</b>	Digital Literacy-CTE pathway course, Freshman Course	Business Teachers	19-20 School Years	General Fund	TBD	Enrollment and completion
<b>AA-3</b>	Henderson Community College	HCHS Admin, HCC Admin, HCHS Guidance	19-20 School Years	General Fund, HCC	TBD	Dual Credit attained
<b>AA-4</b>	The district will continue use of Gradecam for common assessments	District Teachers	19-21 School Years	General Fund	\$9,000/yr.	Student/Teacher Use Run of reports
<b>AA-4</b>	The AIMSweb program will be used in elementary and middle schools to monitor progress of students assigned to tiered interventions as part of the Kentucky System of Interventions (KSI), an RTI process.	School Principals  Curriculum Specialists  Classroom Teachers  Intervention Teachers  Assistant Superintendent of Teaching and Learning	19-21 School Years	Title I IDEA B	TBD	AIMSweb reports
<b>AA-4</b>	All school staff support students in the creation and continuous update of their Individual	School principals and asst. principals,	19-21 School Years	General Fund	\$4 / student (\$24,000)	We will be implementing annual reviews of digital skills and planning through ILP and graduate profile artifact curation

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	Learning Plans (ILP, grades 6-12) and graduate profile curation (grades 2-12)	guidance counselors student advisors				
<b>AA-4</b>	The district will continue implementation of NWEA MAP online assessment for grades K-8.	District Instructional Team  District Assessment Coordinator  School Principals	19-21 School Years	General Fund	TBD	Continuous progress of students can be tracked and used for design of instructional interventions.



## **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

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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)
<b>AI-1</b>	District teachers, instructional coaches, and administration will work toward completing the skills needed to complete Google Certified Educator Level 1 certification	Director of Instructional Technology  Digital Learning Coaches	2019-2020 Ongoing	General Fund	\$2,000	Increase in the percentage of Level 1 Google Certified Educators in the district
<b>AI-1</b>	District will provide beginning level skills for technology related tasks.	Director of Instructional Technology  Digital Learning Coaches  Instructional Coaches	2019-2020 Ongoing as new staff are hired	General Fund	N/A	Meeting Agendas/Sign-ins  Can show evidence that they can: <ul style="list-style-type: none"> <li>- Sign into Google</li> <li>- Share a Document</li> <li>- Bookmark</li> <li>- Create a Google Classroom</li> <li>- Set up Go Guardian</li> <li>- Log into IC</li> <li>- Log into Gradecam</li> <li>- Log into Aesop</li> <li>- Living Calendar Access</li> <li>- Log into email</li> </ul>
<b>AI-1</b>	District will provide training to CTE for unique programs related to each content area.	Director of Instructional Technology  Digital Learning Coach	2019-2020 Ongoing			Technology is fully implemented appropriately through evidence of lesson plans and walkthroughs
<b>AA-1</b>	District instructional staff will provide ongoing support to determine the best tool to meet the learning objective.	Director of Instructional Technology  Assistant Superintendent	2019-2020 Ongoing			Evidence from lesson plans, walkthroughs, and student data

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		of Teaching and Learning Digital Learning Coaches Instructional Coaches Administration				
<b>AA-1</b>	STC will attend monthly meetings with district staff to share and receive updated information/resources for technology integration in their respective buildings.	Director of Instructional Technology STCs	2019-2020 Ongoing			To be determined depending on changes to job description
<b>AI-1</b>	The role of the STC needs to be re-evaluated. We see this whole is how to use the hardware. (STA would maintain hardware.)	Director of Technology Director of Instructional Technology	2019-2020 Ongoing			New Job Description will clearly define the role of the STC
<b>AA-1</b>	Professional development and training that follow state and district PD design will allow for classroom integration of technology for improving and enhancing student learning in all content areas	Director of Instructional Technology Assistant Superintendent of Teaching and Learning	2019-2020 Ongoing			Walkthroughs, Student engagement, Student use of technology, Lesson Plans
<b>AI-1</b>	All district teachers will complete a self-reflection of technology use for instruction and student engagement.	Director of Technology Director of Instructional	2019-2020 Ongoing			Evidence from the Bright Bytes Survey

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		Technology				
<b>AI-1</b>	District will provide support to the Media Specialists and teachers in using the Makerspaces to aid instruction.	Director of Instructional technology  Digital Learning Coaches  Media Specialists	Ongoing 2019-2020 Ongoing			Classroom teachers come to the media centers to implement Makerspace activities



## **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)
<b>AI-1</b>	Making (Wifi Hotspots) available for checkout to increase access from home.	Community/ Tech	2019-2021	General Fund	TBD	Sign in sheet (how much are they being used?)  Fewer late homework Issues?
<b>AI-1</b>	Pilot group/location for Competency based learning - these groups will be opted out of Common Assessments for all subjects	Teachers/Media Specialists	Pilot Year		\$0.00	Lesson planning MAP test scores Skills mastered rubric
<b>AA-1</b>	Google Classroom as online/virtual classwork	ALL teachers	Continuous		\$0.00	All teachers are constantly using google classroom with students for meaningful lessons. Using for Gifted students Using for struggling students (RTI)
<b>AI-1</b>	Computer Lab Teachers having a curriculum with students on different lessons to learn on how to use a device.	Lab Teachers	2019-2020 Ongoing		TBD	We will know if the program is implemented and in what schools.