

# DISTRICT TECHNOLOGY PLAN

**DISTRICT NAME** Cumberland County School District

**LOCATION** Burkesville, KY

**PLAN YEAR(S)** 2021-2022



<https://www.cland.k12.ky.us>

**Board Approval Date:**  
May 27, 2021

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## Planning Team

<b>District Staff</b> [Recommended to include CIO/DTC, TIS/DLC, technician, finance officer, superintendent, academic officer, etc.]	
Kirk Biggerstaff, Superintendent	Ginger Garmon, Chief Information Officer
Michelle Cash, Instructional Supervisor	Tyler Shelton, District Network Coordinator
Jason Dodson, Director of Pupil Personnel	
<b>Building Staff</b> [Recommended to included principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Lisa Perdue, CCES Principal, CCES Preschool Coordinator	Jeanie Bandy, CCMS Principal
Josh Henderson, CCHS Principal	Andrea Parson, CCES Guidance
Nathalie Vincent, CCMS Guidance	Nathan Britt, CCHS Guidance
Valerie Shelley, CCES Assistant Principal	Nathan Garner, CCMS Assistant Principal
Tabatha Moons, CCHS Assistant Principal	
<b>Additional District Contributors</b> [Recommended to include board members, SBDM members, program directors, etc.]	
Sue-Elise Flowers, Gifted/Talented/CCES 21 <sup>st</sup> Century	
Heather Muse, Special Education Director	
<b>Students</b> [Recommended to include middle and/or high school students ]	
Alexander Newell, Jackson Williams, Morgan Scott, Zachary Pruitt, Hunter Perdue	Cumberland Co HS Students
Jackson Williams	
<b>Other</b> [parents/community members, business and nonprofit leaders, etc. ]	

## 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?*

**Under Digital Curriculum, Instruction & Assessment**—The CIO works with teachers as needed to provide support with interactive boards, software for student use, etc.

**Web-Based Subscriptions**—Cert and scheduled ACT practice sessions are provided to CCHS students to improve ACT performance. CERT helps identify areas that students need to improve in reading, math, and science. MAP is used with all students in grades K-5. Study Island is used to help students develop their knowledge for prescribed content for individual students. Content can be realigned as student’s master content and move forward. Core content within Study Island includes reading, math, and science for grades 4 and 7. MS students uses Virtual Job Shadow to learn job and career information. High school use WinLearning for job and career research. CPAs are still administered to all students three times during the year. GradeCam is used at the high school for quicker feedback on assessments. Additional programs used purchased to help meet the needs of students that were VIP this past year. Examples include—Reflex Math, Zearn, Letterland K-3, Freckle, EdPuzzle, Sadlier Connect, NearPod, etc. Clever was implemented into the district to help make it easier for students to have a landing place to access all apps used in the district using single-sign on.

**Student Technology Literacy goals**—All students receive digital citizenship instruction throughout the year in a variety of formats. All students have access to technology and use it in multiple ways in computer classes, content related classes, enrichment classes, etc.

**Staff Training and Professional Development goals**—75% of certified teachers are Level I Google certified teachers. Up 5% from last year. 5% of teachers/admin have obtained their Level 2 certification. The goal is for all certified staff to be a Level I certified teacher and teachers have been encouraged to work on Level 2 certification. This is a continued goal for our district. Some teachers in the district are the point that it is time to recertify.

**Technology goals**--The district uses a variety of communication tools--District website/app, Facebook and Remind 101, and Twitter to communicate with parents, students, and staff members on important announcements. The district has expanded the use of Remind and additional tools are being researched. New electronic signs will be purchased for CCES and CCHS/CCMS to display upcoming dates and events.

**Goal 4**—Infinite Campus Online student registration was continued during the 2020 registration period. The process will continue to be refined for the 2021-2022 registration period. Parents will receive assistance if needed to register their child using the online tools. **Goal 5**—Additional chrome books were purchased for CCHS and CCES to replenish the devices that are going End of Life plus cover the gap for students in grades K-2. Support is provided to staff when current devices fail. All three schools are 1:1. An end of life schedule has been created to identify the devices that will go end of life at all three schools. Additional devices will be purchased throughout this school year to cover the devices being deprovisioned. Chrome boxes will be removed from schools due to end of life policy. iPads are continued to be used with Preschool and Kindergarten age students.

**Data Security and Safety** —AA2—Relay was pushed to all chromebooks and teacher/staff machines. Relay Mobile Manager was purchased to help monitor and manage iPads. School Manager is being used to assign iPads to the Mobile Manager.

**Robust Infrastructure & Ecosystem**—Security systems at elementary school, alternative education program, and the Mary Ann Keen facility have new security systems in place. Computer labs at elementary and high school were upgraded to Windows 10. The elementary school has a new lab and one upgraded lab. The high school was upgraded with Windows 10 licenses. All staff machines were replaced with Windows 10 devices. All of the devices available at each school help the district to work toward their academic goals as well as the student achieve their goals. The devices allow the schools to access resources that we do not have available in the classroom due to lack of funding for textbooks. The access to devices allows students to have individualized work to reach his/her specific academic

goal. The UPS unit housed at CCHS will be replaced in the spring of 2021. A new fiber run at CCES has been implemented. All phone systems in the district will be replaced by June 30, 2021.

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

**Curriculum and Instruction goals**--Additional time needs to be allotted for providing professional development to teachers on emerging technologies. **Technology goals**—the district needs to replace virtual servers with new servers and eliminate unnecessary servers no longer needed due to change in technology. Remove unnecessary servers from server farm which were used in the past for saving shared files and allow staff to move files to cloud solution. Extend warranties on current server until decision is made to purchase new server. Migrate and consolidated information to new server for a more secure reliable solution.

## ***Areas of improvement?***

The District will continue to work with all stakeholders to refine Infinite Campus online registration procedures. Significant reduction in the amount of paperwork was noticeable during the 2020-2021 registration. Work will continue to make this process easier for parents. Discussion has been generated and areas of improvement have been identified. All bulb projectors will be replaced with a touch board during the upcoming summer months. Teachers will receive new monitors. New locks/doors will be installed at main entrances and will be controlled with key FOBs to improve security.

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

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

- Reduction in the amount of servers being used in the district.
- All C5 Enterasys switches at all locations will be replaced with a variety of funds. Erate funds will be used to upgrade all wireless access points to AX model. The district core router and the wireless controllers will be replaced during the 2021-22 school year.
- Infinite Campus integration of Active Directory via GSuite for Education using SAML. To be completed during the summer of 2021
- Replace Teacher monitors, teacher document cameras, and purchase key fobs and front door security locks will allow and provide a more secure entrance. The upgrade for doors and entry ways will be a three year project.

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?***  
The IT team meets and discusses the ideas and goals for the district. The committee generates a list of possible areas of improvement and then this information is presented to the district leadership team. The plan is then discussed to determine what additional areas of improvement need to be identified to take place for the individual school. The administrators are notified of pending end of life, age issues of equipment/technology. The drafted plan is presented again to the leadership team at a regular meeting time generally in the spring and request for final review. The final plan is presented to the board for approval. It is a very small school so there is continued day-to-day discussion of student improvement and we generate the plan to support the learning goals of 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.***  
All plans and projects identified in this plan are in support of our students and teachers. Students are encouraged to set goals and work toward meeting those goals identified by the student as well as the staff. The technology in the district needs to support the instructional goals identified at each school. All four categories identified should go hand-in-hand. Our students need to be academically sound and meet the benchmarks identified. We use technology everyday every class period in a variety of ways. Students improve their technology skills due to technology being embedded in instruction. Staff are working daily to improve their skills whether it be professional development for their content area but also learning and using the different technology tools. Professional development is provided during the summer, after school, and during professional learning communities. The district continually evaluates the infrastructure to identify areas of concern, strengths, and what is imminent that we update. Over the course of this next year, we will continue to update the interactive display in each classroom. We will work to replace all switches, wireless controllers and core router to the most current for better performance and uptime of our network environment. Work will continue for a new phone system across the three schools. This new local provider will reduce the current cost of voice services which will help with the cost when the current system fails.

## 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)?*

A random selection of students and all parents were questioned on 1) how effective technology is in learning content in your school, 2) if the necessary tools were available to help the student achieve success and 3) what suggestions he/she had for the advancement of technology in the school. From the high school students' interviewed, most students indicated they had the technology tools needed to learn the content in their classroom. They indicated keeping what technology the school has current and up-to-date. Some students indicated that depending on the class determined what technology tools they needed.

*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.*

Key elements to be targeted during this survey will include: The following questions were asked of all parents registering students for the 2019-2020 school year.

**How effective is the use of technology in learning content in your school?** I discussed this question with five high school seniors. All students unanimously agreed that the use of technology especially this year is very effective in learning content.

**Do you have the available tools in the classroom to achieve academic success?** Of the students interviewed, all students agreed that our school has the tools needed to achieve academically.

**What suggestions do you have for the district to advance the use of technology in the classrooms?** There were a variety of suggestions on what to do to advance the use of technology in the classroom. These suggestions ranged from nothing to more computers, offer advanced technology classes, allow student computers to go home with students, more time using the computers, and help more parents understand how to use the technology. The answers submitted for this particular question leads me to believe that I may need to reword the question for future surveys. The students indicated that there was a good balance between hands-on work and technology related work for the school.

# 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-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

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	Upgrade the remaining two schools to 10 GB between schools. Purchase necessary Gbics to make this happen.	CIO, DTC, Vendor Partner	2021-contingent upon erate	General Fund	\$2000	Improved network performance
AA2	Replace All switches AND/OR other obsolete switches with the latest tools at all three schools.	CIO, DTC, Vendor Partner	Ongoing, contingent on erate funds	General	\$193,000	Improved performance of network components, 99% up time
AA2	Replace aging access point's at all three schools for continued support of 1:1. Move to next generation access point.	CIO, Network Admin, Vendor Partner	Ongoing, contingent on erate funds	General, Erate,	\$76,149	Successful use of programs for daily use within the classroom and successful online testing; limited downtime
AA2	Replace aging VOIP phone systems at three schools.	CIO Network Admin Superintendent Finance	Project to be completed June 2021	General	\$120,000	System is adequate to meet needs of district. Replace upon failure

		Office				
AA2	Evaluate and monitor current devices and refresh aging devices on a 5 year rotation cycle for all schools. This will be based on end of life cycle per model of device.	CIO Network Admin Superintendent Finance Officer	Scaffold Timeline	SBDM, Title I,	\$75,000	Replace on a timeline based on end of life schedule or device failure.
AA2	Purchase new web server. Server is for purchase order system, office tracker, etc.	CIO Network Admin Finance Officer	2021-ongoing	General	\$3000	Reduced outages over time
AA2	Implement new security system <b>software</b> for better management of security cameras located at each school	Superintendent Network Admin CIO School Admins	2021-2022	Safety		Reports will covering larger area within the schools; under covered areas will not have service for viewing events as needed;



## 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-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-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

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	Annual update and review of Acceptable Use Policies for staff and students.	CIO Network Admin	2021-2022	NA	NA	Board approval Staff signature page Student signature page
AA2	Teachers will review the Student Acceptable use Policy with students during orientation activities. Acceptable Use Policy is listed in student handbooks/agendas, school website, student/parent portal, etc.	CIO Network Admin Teachers Staff	2021-2022	NA	NA	Student signatures of review
AA5	Teachers will teach Digital Citizenship activities using a variety of resources at all grade levels. Teachers will identify key components to being a good digital citizen.	CIO Network Admin Principals Teachers	2021-ongoing	NA	NA	Lesson plans
AA2	Monitor LightSpeed/Relay Content Filtering on a daily basis. Nightly reports are	CIO Network Admin	2021-Ongoing	Provided by KDE	Provided by KDE	Reports

	generated and sent to admins. Additional reports are generated as requested by admins.	Principals Assistant Principals				
AI-1	Annual compliance training required for all teachers and staff— <b>Digital Security and Best Practices</b> resources and assessment.	CIO	July 2021	NA	NA	Certificate of Completion Sent to Instructional Supervisor
AA2	Purchase Mobile Manager for iPads. Identify additional classroom tool for teachers to use to monitor student activities during online classes, Relay Classroom, Hapara, etc.	CIO Network Admin Principals	July 2021	SBDM Title I General	\$1500.00/year	Reports





## 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-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*)

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	Annual meeting with Finance Officer to discuss technology budget and technology items of concern—end of life on certain equipment, annual warranty renewals, etc.	CIO DTC Finance Officer	Spring 2021	General Fund	\$400,000	Needs assessments results and budgetary action plan.
AA2	Living database of servers, computers, etc. which identifies date of purchase, funds used, etc. Database is used to make informed decisions on refreshing server equipment, infrastructure equipment, computers, etc. Possible	CIO DTC Superintendent Principals Finance Officer	2021-2022	NA	NA	Monthly update of database Ease of Management and updating of equipment

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	solution is Follett					
AA3	Stay current on erate budgets, processes, and erate cycles. Apply for necessary erate funds to purchase necessary infrastructure equipment based on need and goals of the district.	CIO DTC Superintende nt Finance Officers	2021-ongoing	General, Erate		Monthly review/update on erate budgets, processes, and cycles
AA2	District lease of copiers for each school and central office to cut down on cost of printing, paper, etc.	Superintende nt Finance Officer CIO/DTC	2021-2022	SBDM	\$25,302/yr	Reduced copy costs to the district.





## 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-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*)

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA1	School district will use a variety of resources to communicate with parents, staff, and students as needed—District website, district mobile app, Remind 101, twitter, replace digital school signs, email and Facebook.	CIO DTC Principals Superintendent Teachers	2021-2022	SBDM, General	\$5000	Participation rate of students and parents with Remind 101, post engagement rates on social media
AA1	Post important parent and student information to district website, district branded app and social networking sites.	CIO DTC Principals, Superintendent Teachers	2021-2022	Title I, SBDM, General	NA	Post engagement rates on social media

AA1	Provide in school online access to parents for viewing of students ILPs, Parent Portal, etc. Allowing parents to access student information via portal for updated information about grades, attendance, etc.	Principals Guidance Teachers	2021-2022	GearUP, General,	NA	Number of parents participating in online registration process, number of computers dedicated to parent access in each school.
AA1	In-house website is maintained for Staff and Finance use. Purpose is for day to day administrative task.	CIO DTC Principals Staff	2021-ongoing	NA-Use of Virtual Server	NA	Number of purchase orders submitted electronically
AA1	Admins and teachers participate in educational cooperatives for trainings and resources for the district.	All Staff as needed	2021-ongoing	Title I, SBDM, General	\$1000	EILA credit hours, PD logs, certifications earned from PD
AA3	Technology access database (Follett) is maintained and used to provide information for the Digital Readiness Report, School Report, etc.	CIO DTC	2021-ongoing	NA	\$0	School Report Card
AA3	Google form is used to gather information from parents in regards to home internet accessibility (collected during annual registration)	CIO DTC	2021-ongoing	NA	\$0	Online registration forms






### 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-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

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 & AA5	Web-based subscriptions such as IXL, MathWhizz, Lexia, Study Island (CCES), Reading Plus, Reflex Math, Freckle Math, Freckle ELA, Freckle Science and Social Studies (CCMS), Zearn, StemScopes (CCMS), LearningFarms, CERT, Read 180 and System 44, Exact Path, NearPod Flocabulary, etc. will be used to increase student knowledge in reading, math, and science.	Principals Teachers CIO DTC Instructional Supervisor	2021-ongoing	Title I, SBDM, Grants	\$100,000	Student progress monitoring for each subscription
AA2 & AA5	Technology will be used to increase student engagement levels, increase/improve the level of quality of content being	Principals Teachers CIO DTC	2021-ongoing	Title I, SBDM, Grants		Teacher lesson plans Walkthrough data

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	delivered, and increase the occurrence of student centered activities.	Instructional Supervisor				
AA3	Teachers will implement the age appropriate technology standards into their lesson plans.	Principals Classroom teachers CIO DLC	2021-ongoing			Evaluations, Pacing Guides, Student work
AA2 & AA4	Teachers will use Google Classroom and other Google Workspace Enterprise Plus apps to deliver instruction.	Principals Teachers CIO DTC Instructional Supervisor	2021-ongoing	General, Title I	\$2500	Walkthrough data Google Classrooms created Lesson plans
AA2	Students participate in STLP at two schools by participating in after school meetings, mentoring activities, and regional and state competitions.	CIO Teachers	2021-ongoing	STLP	\$300	Sign-in sheets from STLP meetings Competition winnings
AA3	Students participate in CTE courses at the local high school and at neighboring Clinton Co Area Technology Center.	Principals	2021-ongoing	NA	NA	Master Schedule Student Schedules
AA4	MAP (NWEA) math and reading assessments will be given to students K-5 to help determine benchmarks that teachers need to address. Science assessments to grades 4. Freckle ELA, Reading, Math, Science and Social Studies Star Reading/math will be used to determine deficiencies for	Principals Teachers CIO DTC Instructional Supervisor	2021-ongoing	Title I, SBDM, GearUP,	\$12,000	Student data from assessments Data Trackers

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	students in Grades 6-8 if needed to determine placement. CERT assessments will be given to student's grades 9-12 to determine areas of weakness.					
AA4	CPA (common performance assessments) are given to students three times during the year to provide feedback on content learned. Results are used to determine student growth.	Principals Teachers Instructional Supervisor	2021-ongoing	NA	NA	Data Tracker Student assessment data
AA4	Data trackers are completed by each teacher and shared with principals. Discussion are made on how to address student needs.	Principals Teachers Instructional Supervisor	2021-ongoing	NA	NA	Evidence in the data tracker
AA4 & AA5	Striving Readers Literacy Grant provides online and paper resources to help move students from novice/apprentice to proficient/distinguished. (FastBridge, Letterlands (PK-1), and Scholastic (public library)	Teachers Principals Literacy Coach Instructional Supervisor	2021-2021	SRL Grant,	\$3000	Student data Teacher lesson plans Ready 180 data System 44 data
AA4	GradeCam is used by teachers at the high school to provide quicker feedback to students as well as analyze data from school wide CPAs (common performance assessments)	CCHS Principal Teachers CIO	2021-2022	Title I	\$1100.00	Teacher feedback quicker for students Time is saved grading allowing more time for analysis of data
AA4	Innovation Lab will be implemented at the high school	CCHS Principal	2021-2022	Gear Up Title I	\$10,000	Lesson plans Quality of projects completed

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	allowing for teachers and ALL CCHS students to use a variety of technology tools for project based learning (hardware and software).	CCHS Teachers CIO Gear UP				Assessment results in content area that utilized the lab
AA4	Monitor and support competitive eSports program which will be available for students Grades 7-12	Superintendent CIO Network Admin	2021-2022	General	\$1000	eSports Roster and participation rate
AA5	Use variety of online collaboration tools for NTI days—identify ways to stay in contact with students using Hangouts/Meet, Teams to offer support and keep students engaged during NTI days and deliver instruction.	Superintendent CIO Network Admin Principals	2021-2022	NA	NA	Reports from Google on use of tools
AA4	Support CogAT and Iowa Assessments for Gifted and Talented Program and students.	GT Coordinator CIO	2021-2022	Grant	\$1245	Reports from assessments
AA5	Use PBLs Online Platform to offer students learning opportunities with the following--STEM Challenges, Critical/Creative Thinking Exercises, Escape Rooms/Forensic Sciences as well as Remote Learning exercise for all classroom teachers and students	GT Coordinator Instructional Supervisor	2021-2022	Title I	\$532	Activity logs for staff and students




## 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.

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA1	75% of teachers in the district are Google certified Level I. Teachers will continue to work toward Level II certification.	Superintendent Principals Instructional Supervisor CIO Teachers	2021-ongoing	SBDM, Title I	\$2500	Increased number of students and teachers utilizing google classroom and google suite tools to drive instruction.
AA1	District will provide staff training as needed on a variety of content areas. Trauma Informed Discipline and Google II Training	Vendors GRREC Teachers	2021-2022	Title I, General	\$5000	Increased number of teachers who use technology more consistently and proficiently within their content area
AA1	Technology professional development will be offered throughout the school year, or on demand classroom support, etc.	CIO Network Admin DLC Principals Instructional Supervisor	2021-2022	NA	NA	Increased number of lesson plans utilizing technology.

AA1	Annual District Leadership Training—Lead by Superintendent	Superintendent	2020-2021	General Title I		Evaluation of Training
AA1	Virtual Student Services Coordinator/Digital Learning Coach will support classroom teachers as needed with in-person instructional needs as well as VIP instructional needs.	DLC Instructional Supervisor	2021-ongoing	General		Data Reports Daily Log or points of contact with parents and students
AA1	Weekly technology tip is provided to district teachers and staff using a variety of resources	CIO	2021-2022	NA	NA	Response from recipients



## 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)
AA1	Use Apex Learning for homebound students, panther	DPP Principals	2021-2022	General Fund Title I	\$11,600	Reports Completion of Lesson and

	virtual academy students, credit recovery students, alternative school students, and online elective courses as needed, etc.	Guidance Student Services Coordinator				Assessments
AA1	Dual-Credit Placement courses are offered to student's grade 10-12 via Somerset Community College and Campbellsville University.	Principal Guidance	2021-ongoing	Two Scholarships are awarded per student. Additional courses are student's responsibility.	NA	Successful completion rate of courses
A1	Support teacher and student use of Google Classroom for online access anywhere.	CIO DTC Principals Teachers	2021-ongoing	NA	NA	Increase the number of students and teachers using Google Classroom and the Google Workspace tools.