

DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Webster County Schools

LOCATION Dixon, KY

PLAN YEAR(S) 2020-2021



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DISTRICT TECHNOLOGY PLAN

Planning Team

District Staff [Recommended to include CIO/DTC, TIS/DLC, technician, finance officer, superintendent, academic officer, etc.]	
Mike Stone - CIO	Addonis Roy - Computer Technician
Aaron Harrell - District Instruction	Kim Saalwaechter - Director of Special Education/ Early Childhood
Building Staff [Recommended to include principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Trisha Crabtree - Media Specialist Dixon Elementary	Elizabeth Warren - Teacher Dixon Elementary
Jennifer Holmes - Media Specialist - Sebree Elementary	Andy Corbin - WCMS Teacher
Amy Hill - WCHS Instructional Coach	Christina Whitsell - WCMS Special Education
Michael Gooch - WCMS Principal	Lori Corbin - WCHS Media Specialist
Students [Recommended to include middle and/or high school students]	
Hannah Corbin - Webster County High School	Spencer Hill - Dixon Elementary

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.

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

A group of 14 stakeholders that included students, teachers, principals, media specialists, technology staff participated in a District Technology planning meeting to write the current plan. The 14 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 stated for implementation and how these activities will advance curriculum and instruction integration, student technology literacy, professional development, & technology infrastructure.

We plan to purchase and implement distance or remote learning devices (Kajeet SmartBus, SmartSpot and wifi/ Cellular chromebooks and will Purchase GoGuardian Chromebook web filtering and GoGuardian Teacher to meet with students virtually to deliver instructional content and to be available for questions. Will continue looking at ways to enhance the district network infrastructure. We will continue to expand the District's 1:1 personalized learning opportunities with Lenovo Chromebooks for ALL students K-12 grade. We plan to use KETS and other local monies to continue this endeavor.

We plan to continue our focus on professional development related to instructional technology as well as preparing for the possibility of remote/virtual learning moving forward. The specific IT training we will be attending will help our new and experienced faculty to embed technology in the classroom and in the curriculum in order to improve student outcomes and provide important opportunities. Additionally, there will be renewed efforts to use our library media specialists at all schools to help introduce new practices and would be more involved in classrooms modeling IT practices. We also will be adding to our district a Digital Learning Coach to help oversee and implement those instructional technology ideas and practices and to facilitate and to raise the awareness of the overall importance instructional technology has to be in order to continue to develop and grow.

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.

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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)
AA-3	Partner with Community Businesses to offer WIFI access to students and community	Community Partners, Admin Team, CIO	Summer 2020	NA	NA	Increased opportunities for remote learning will help to minimize missed digital opportunities and will strengthen overall instruction strategies.
AA-3	GoGuardian for Chromebook web filtering and GoGuardian Teacher	CIO, Technology Staff, DLC	Summer 2020- Spring 2022	Local Funds, Care Act Funds	\$51,810	Increased opportunities for remote learning will help to minimize missed digital opportunities and will strengthen overall instruction strategies.
AA-3	Install Kajeet SmartBus WIFI Devices in Five School Busses. Plan is to park busses in the community for distance learning opportunities.	CIO, Technology Staff, DLC	Complete by the start of school for the 2020-2021 school year.	Local Funds, Care Act Funds	\$5,000	Increased opportunities for remote learning will help to minimize missed digital opportunities and will strengthen overall instruction strategies.
AA-3	Purchase 60 Kajeet SmartSpot HotSpot Devices	CIO, Technology Staff, DLC	Complete by the start of school for the 2020-2021 school year.	Local Funds, Care Act Funds	\$29,000	Increased opportunities for remote learning will help to minimize missed digital opportunities and will strengthen overall instruction strategies.
AA-3	Purchase Kajeet WIFI and Cellular Chromebooks	CIO, Technology Staff, DLC	Complete by the start of school for the 2020-2021 school year.	Local Funds, Care Act Funds	\$12,000 - \$15,000	Increased opportunities for remote learning will help to minimize missed digital opportunities and will strengthen overall instruction strategies.
AA-3	Install additional outdoor WIFI access points to	CIO, Technology	Complete by the start of school for	Local Fund, Care act Funds	\$3000 - \$5,000	Increased opportunity for access to high speed and reliable network

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	Learning Coach (DLA) position to help teachers understand ways to effectively use technology during instruction.					
AA-4	Provide training and access to online content delivery tools such as GSuite for the delivery of instruction	CIO, Principals, Teachers	On-going	N/A	\$0	Student achievement will increase and delivery of instruction will be more efficient.
AA-2	Scheduling of technical support requests through an online help desk solution (currently using Think Help Desk)	CIO, Tech Staff	On Going	General Funds KETS	\$900.00	Support requests will be more efficient and tracking information will be used for identifying professional development needs.
AA-2	Webster County Schools Technology Department will strive to offer the best customer service support for all students, faculty and staff. To be proactive in Technology Support needs.	CIO, Tech Staff	On Going	N/A	N/A	Providing the best customer service will benefit students in their instructional needs. To build those relationships that will let students feel comfortable asking questions when they need help.
AA-3	The Webster County Schools will integrate technology into all appropriate instruction and District operations. Central to attaining this goal is the use of networked computer technologies and telecommunications to strengthen student achievement in the core curriculum.	CIO, Tech Staff, Instructional Coaches	Yearly, Ongoing	N/A	N/A	Wired and Wireless networked computer access for all students. To allow Tablets (iPads), laptops, Chromebooks to assist in instructional delivery of Core Content concepts.



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 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*)

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	filtering system.	Staff				Staff to monitor students web activities.
AA-5	Increase Digital Driver's License to younger students. Require all students to review DDL every year.	Clo, Media Specialists	Yearly	N/A	N/A	Review reports on DDL site

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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)
AA-3	Take full advantage of E-rate program from the Universal Service Administration Company (USAC)	CIO, Finance Officer	Yearly	USAC, General Fund, KETS Funding	TBD	
AI-1	Create a Digital Learning Coach position to help teachers use technology during classroom teaching and to help the Technology Department with Tech related issues. (Will occur July 1, 2020.	Superintendent, Director of Instruction, CIO	Yearly	TBD	TBD	Teachers will gain the knowledge of instructional technology and will be able to present lessons with different technology mediums.

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KEYS 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	Engage in tech talks with parents at back to school nights/orientations/literacy nights etc. by May 2020 in all schools.	School Staff	2020-2021	N/A	N/A	-Information on how to take care of chromebooks -Digital Citizenship brochures on parent open house. -FAQ for Parents page for technology questions -Table at school events/nights Literacy Events, Kindergarten Readifest -Chromebook pick-up part of student orientation.
AA-3	Engaging Community with student technology.	School Staff	2020-2021			-Colleges and universities visiting elementary schools -Free WiFi spots in Public Library in Dixon and Providence -Outdoor WiFi access points for public after school hours -Readifest Technology Info. Table by CIO in August.
AA-1	Collaborate with Sup2Community partners to discuss career tech needs of	District office staff	2020-2021	NA	NA	Creation of profile of a graduate that includes community recommendations

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	dual credit opportunities.	administrators					
AA-1	Continue Regional Partnership meetings with WKEC and AEC	District and building level administrators	2020-2021	NA	NA	HCC and MCC in growing early college.	
AA-1	Strengthen collaboration with the UK Extension Office to enhance technology through STEM with club days at the elementary level.	Building and district administrators	2020-2021	NA	NA	Continue partnership with local councils	
AA-1	KET	Building level admins	2020-2021	Title II and SBDM budgets	TBD	Collaborating with extension office to bring more resources to schools through stem partnership, speakers and organization of guests who can bring stem info to schools.	
						Partnering with KET and Amy Grant to bring instructional technology resources to schools including PD for teachers.	

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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-1	ACT Aspire	District Instructional Team School Principals	20-21 School Yea	General Fund		ACT ASpire Reports.
AA-1	CASE Curriculum	District Instructional Team School Principals	20-21 School Yea	General Fund		Case Curriculum Reports
AA-1	Head Sprout, an early intervention reading program, will be used to promote early reading readiness skills.	Director Of Special Education Providence Classroom Teacher School	20-21 School Year	Title I Title II General Fund	TBD	Headsprout reports Increase Student Achievement levels in reading .

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	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. (specific schools)	Curriculum Specialists Classroom Teachers Intervention Teachers Assistant Superintendent of Teaching and Learning				
AA-4	All school staff support students in the creation and continuous update of their Individual Learning Plans (ILP, grades 6-12) and graduate profile curation (grades 2-12)	School principals and asst. principals, guidance counselors student advisors instructional coaches	20-21 School Year	General Fund		We will be implementing annual reviews of digital skills and planning through ILP and graduate profile artifact curation
AA-4	The district will continue implementation of NWEA MAP online assessment for grades K-8. Will update as needed during Covid-19 Pandemic.	District Instructional Team School Principals	20-21 School Year	General Fund		

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AI-1	District or building led, personalized PD that is based on teacher need	WC district staff and faculty	Fall 2020	General fund	TBD	Creating a district wide personalized PD during our annual ISI at the beginning of the school year.
AA-1	District teachers, instructional coaches, Administration will work toward completing the skills needed to complete Google Certified Educator Level 1 certification. Include reimbursement for all who complete	District Staff	20-21 School Year	SBDM	\$1000	Certification of district staff at Google Level 1
AA-1	District provides entry level technology and Google skills for beginning teachers or those that are new to the district.	Director of Personnel	FALL 2020	NA	NA	Integration of a Google skills and technology training at the new staff training event in Aug.
AA-1	Flexible PD options district wide	District admin team in association with building level principles	2020-2021	TBD	TBD	Creation of a personalized PD plan for teachers.
AA-1	Develop a program for Digital Learning Coach	District admin team in association with building level principals, Instructional Coaches, CIO.	2020-2021	NA	NA	Teacher instructional competencies and aver all instructional technology understanding and practices.

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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	Work with High School to continue to develop the Edgenuity program for credit recovery as well as advanced students who are able to progress through a non-traditional classroom environment and also for Homebound students	High School Admin, HS Teachers, Technology Staff	Yearly	General Fund	\$10,000	Monitor our enrollment and completion numbers from the previous year compared to this year. Also compare the data on standardized tests and measure the differences.
AI-1	Develop a Digital Curriculum group for teachers to continue to share ideas and ask questions.	Teachers, Admin Staff, Technology Staff, DLC	Yearly	N/A	N/A	Using Google Docs we will be able to see how active this community is through usage metrics. We also will do a survey of members to see how effective they feel the group was.
AI-1	Work with all students to teach them to be responsible and safe while surfing the internet.	Students, Teachers, Library Media Specialists, Technology Staff	Yearly	N/A	N/A	WE will be using Digital Driver's License from iDrive Digital.