

Kentucky Education Technology System DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Bath County Schools

LOCATION Owingsville, KY

PLAN YEAR(S) 2022-2023

BATHCOUNTY SCHOOLS



Kentucky Department of
E D U C A T I O N

www.education.ky.gov

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Planning Team

District Staff [Recommended to include CIO/DTC, TIS/DLC, technician, finance officer, superintendent, academic officer, DAC, etc.]	
Emily Barber- CIO	Steven Evans- Superintendent
Jeremy Weaver- Network Admin	Brittany Combs- Finance Director
Keith Crouch- Network Admin	Todd Neace- Director of Continuous Improvement
Mike Melton- Director of Facilities and Transportation	Karen Hammons- Director of Instruction
	Lorinda Jamison- Director of Pupil Personnel
Building Staff [Recommended to include principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Lara Little- Principal	Misty Johnson- Principal
TJ Knox- Assistant Principal	Justin Smallwood- Assistant Principal
Sean Bailey- Principal	Melanie Erwin- Principal
Tracy Vice- Assistant Principal	Diana Cline- Assistant Principal
Lauren Colwell- Teacher	Amanda Ballman- Teacher
Jessica Haynes- Teacher	Lora Utterback- Teacher
Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]	
BCHS Teachers	OES Teachers
BCMS Teachers	CES Teachers
Students [Recommended to include middle and/or high school students]	
Other [parents/community members, business and nonprofit leaders, etc.]	
Community and Stakeholder Input	

Previous Year's Strategies Evaluation

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

What strategies from last year went well?

Replacing aged out technology such as chromebooks, document cameras, interactive panels, projectors, screens, and desktops.
Providing hot spots to families and faculty members that did not have reliable internet access at home.
Equitable access to reliable technology while at school has also been beneficial to ensure classroom teachers can actively progress monitoring using the educational software (Lexia, Moby, STAR, Reflex).
1:1 chromebooks for students.
Recycling and surplus of aged out technology.
Remote learning platform and strategies for full time virtual academy.
Implementing a common learning management system across the district.
Upgrading to SubFinder Program through TalentEd for automatic sub scheduling.
Upgrading to Infinite Campus payment solutions
Process for students and staff to reset passwords remotely.
Development of online content for remote learning.
Papercut software setup
Implement Incident IQ: Password reset/ticketing/asset management system
Implement Light Speed Relay to filter internet usage for devices that students take home
Supplemental curriculum program for Distance Learning, this software will also allow students to take classes fully online with teacher support.
Student account provisioning with IC2AD (Charlie Box)
Managed network services with KEDC and STEP C.G.
Upgraded phone system with voicemail to email and 911 location notifications
Implementation of SMART Learning Suite Online

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

Implementing a system to collect and manage digital signatures including workflow and paperless solutions.
Upgrade of School Webpage
PD Opportunities for teachers due to Covid
Explore ways to identify the usefulness of programs being utilized on our network.
Using Papercut to its full potential to monitor printing usage

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

Incorporation of digital content to students through chromebooks.
Lesson development that is responsive to home devices.
Remote learning capabilities for students and teachers.
Common learning management system across the district

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

Digital Learning Coaches in buildings to assist with technology coaching for staff.

Additional Computer Technicians to manage the increase in devices.

Online registration for students through Infinite Campus

A chromebook management system where teachers are able to see screens, view student history, block certain websites during specified times, and to help control what students are doing while on chromebooks.

Upgrading programs for finance department including IC payment solutions, Tyler Forms.

Additional PD opportunities for teachers to address cybersecurity, digital citizenship, and new innovations in technology.

Campus Security and Surveillance- Camera systems are faulty and need repaired. We are looking for a cloud based solution that can be accessed remotely across all campus locations.

School-specific technology plan (chromebook tracking/organization).

Upcoming Year's Strategies Preview

If this is the first year of a multi-year plan, this section acts more like an executive summary of the plan as a whole. If this is the second or third year of a multi-year plan then aim your discussion to any new strategies or adjustments you are planning for this year.

[See [Technology Planning section of KETS Master Plan](#) for more information]

How did you and the planning team decide on the strategies and/or adjustments for this plan?

A District Technology Team was created and meetings were set consisting of three phases.

Phase 1: Planning meeting with all district directors, CIO, and Superintendent to discuss each component of the plan.

Phase 2: A survey was sent to community members, stakeholders, teachers, parents, and building level administrators. The survey asked for input regarding last year's plan and what needs are for the 2022-2023 plan. Bright Bytes Survey was also administered to students and teachers and open for input from community members and stakeholders. The surveys were available on the bath.kyschools.us webpage and the Bath County Schools facebook page.

Phase 3: Technology team met with Superintendent and Finance Director to discuss findings from the survey and discuss plans for 2022-2023 District Technology Plan.

Phase 4: Technology team worked with CIO to draft 2022-2023 District Technology Plan.

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

- Digital Learning Coaches in buildings to assist with technology coaching for staff.
- Additional Computer Technicians to manage the increase in devices.
- Training for all staff on Infinite Campus, pertinent to their position.
- Online Registration through Infinite Campus for all students- aiding in paperless processes across the district.
- Website upgrade through School Pointe to enhance ease of use for all stakeholders.
- Additional professional development and training for faculty and staff regarding cybersecurity best practices, Infinite campus, digital citizenship, and technology opportunities.
- Continue to analyze the utilization of software and digital programs within our district.
- Compare solutions for workflow and digital signatures.
- Increased emphasis on the nine elements of digital citizenship
- Digital structure for staff evaluations.

- Continuation of MAP and CERT assessments.
- Electronic records management and storage through Talent Ed
- Implementation of SubFinder automated calling system
- A chromebook management system where teachers are able to see screens, view student history, block certain websites during specified times, and to help control what students are doing while on chromebooks.
- Upgrading programs for finance department including IC payment solutions, Tyler Forms.
- Additional PD opportunities for teachers to address cybersecurity, digital citizenship, and new innovations in technology.
- Campus Security and Surveillance- Camera systems are faulty and need repaired. We are looking for a cloud based solution that can be accessed remotely across all campus locations.
- School-specific technology plan (chromebook tracking/organization).
- Infinite Campus Parent Portal access continued at all schools
- Infinite Campus Online Registration
- Infinite Campus, Campus Learning (Learning Management System) implementation
- One Call Messaging continued at all schools and district office
- Expansion of video/multimedia opportunities for students
- Professional development for teachers including: Google Certifications and Teaching methods (ex: blended learning)
- Infinite Campus updates at the beginning of the school year
- 21 st Century Skills PD
- Brightbytes Data Survey

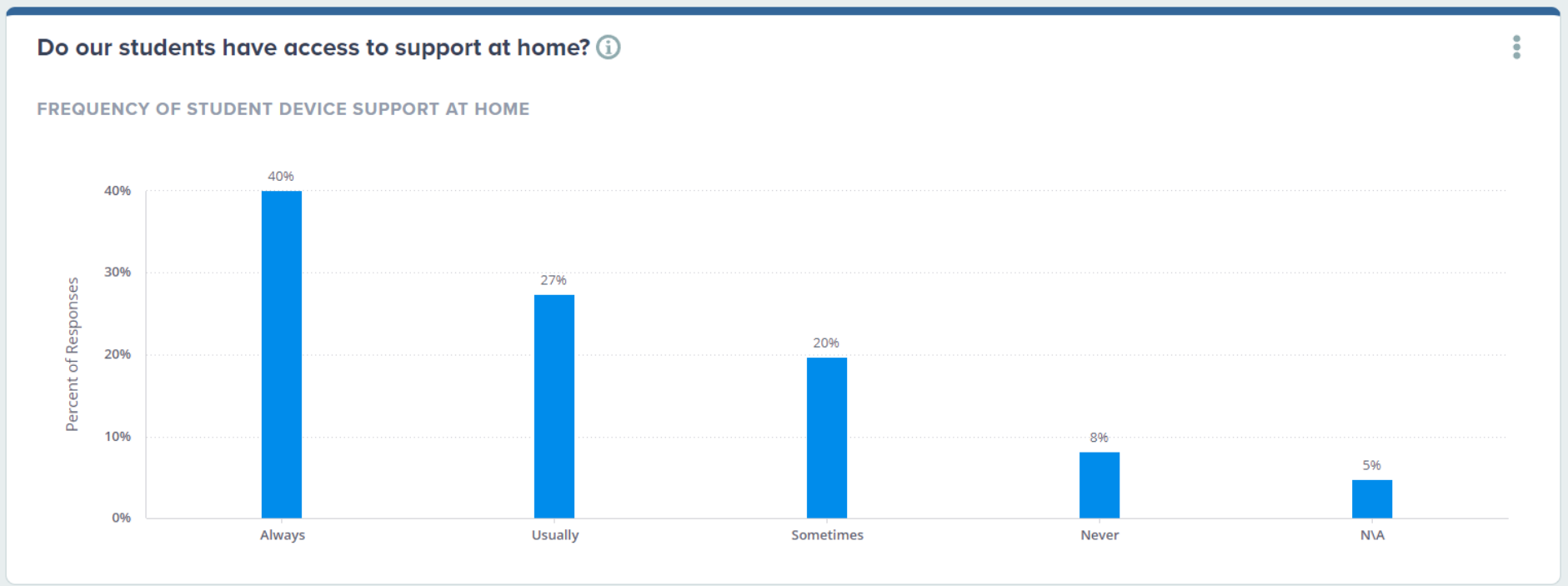
Student Voice

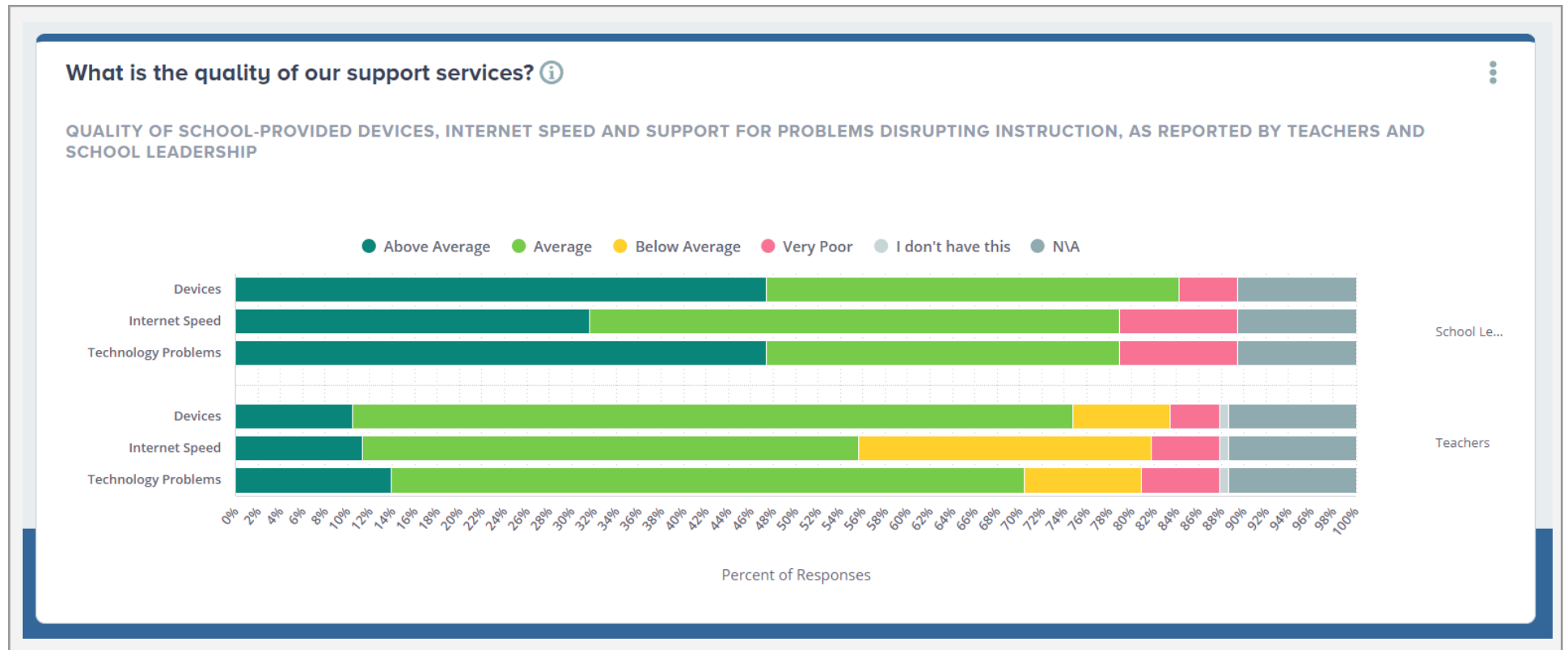
Personalized student learning allows students to develop deeper learning competencies including critical thinking, using knowledge and information to solve complex problems, collaboration, and communication. Capturing student input about their access to opportunities that build these competencies is key to effective technology planning. Please answer the questions in the space provided below.

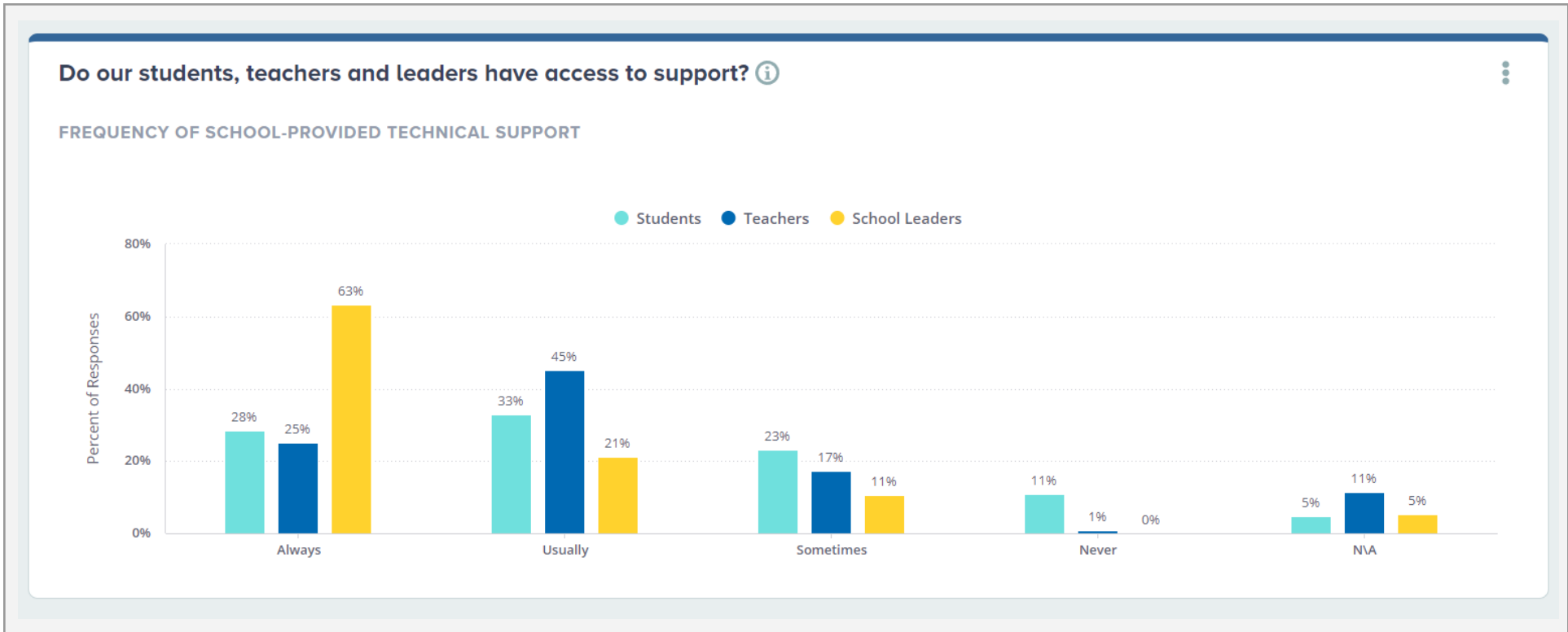
Do you currently have a method to collect student responses about the digital learning environment? If so, which tool (ex: BrightBytes, Speak Up, survey created by you or the district, other)?

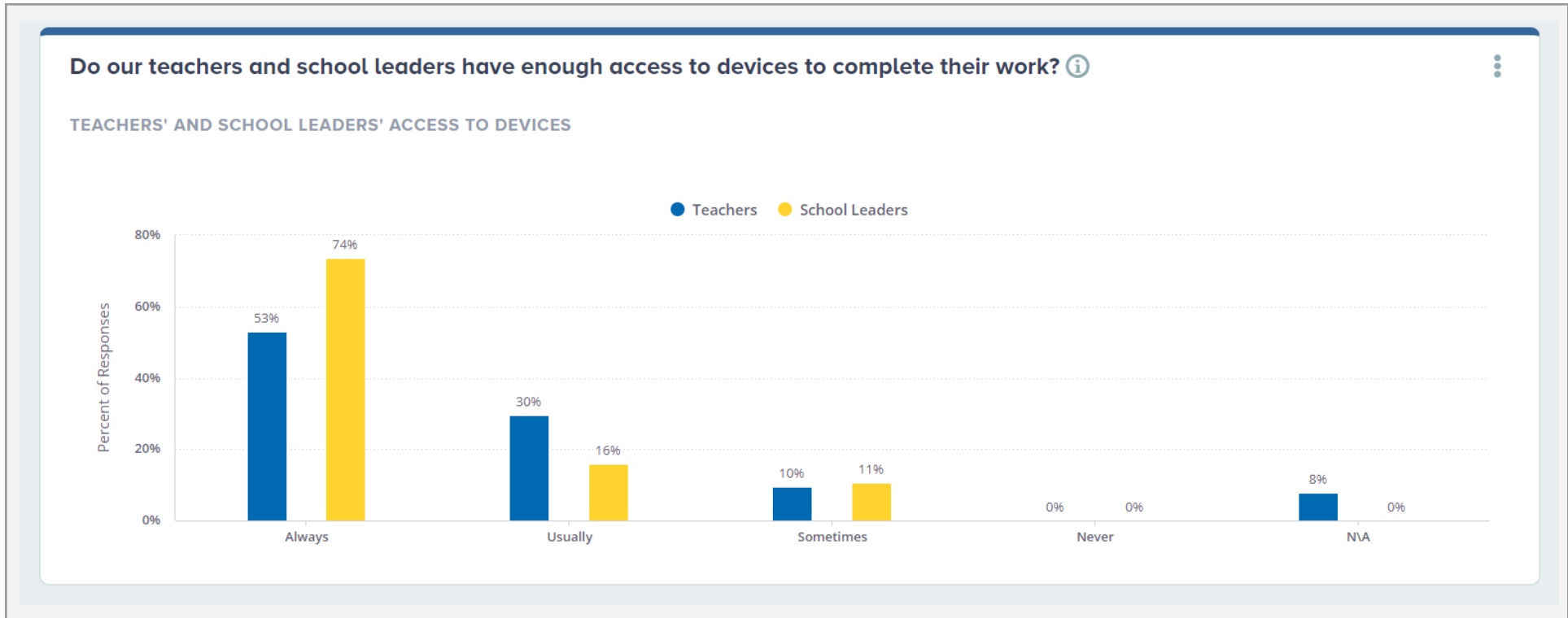
BrightBytes Survey was administered to students across the district in grades 3-12 as well as teachers, school administrators, parents, and community members.

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.



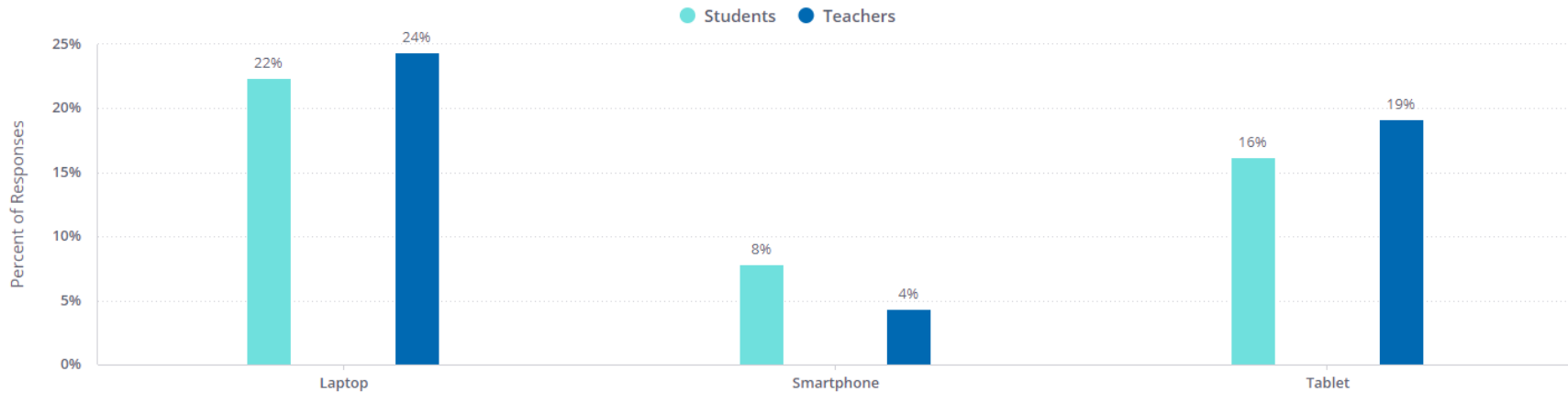






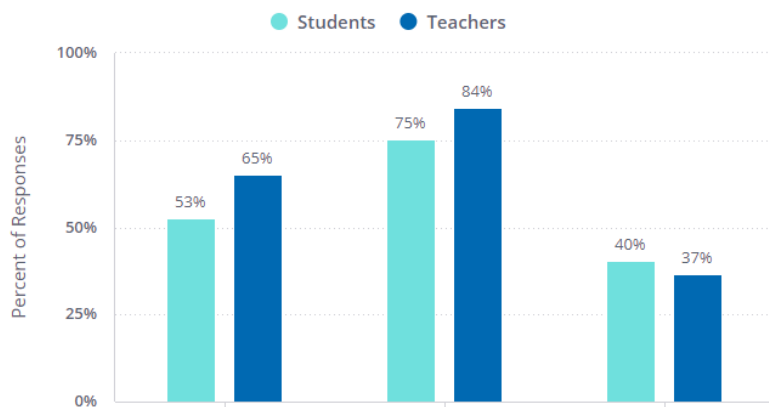
What percentage of our students and teachers do not have access to a laptop, tablet, or smartphone? ⓘ

STUDENTS AND TEACHERS REPORTING NO ACCESS TO DEVICES



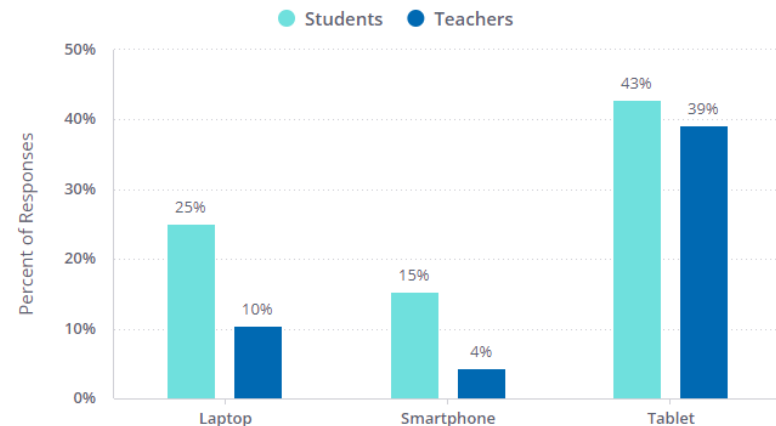
What percentage of our students and teachers have access to a laptop, tablet, or smartphone that they do not share? ⓘ

DEVICES AVAILABLE TO STUDENTS AND TEACHERS THAT ARE NOT SHARED



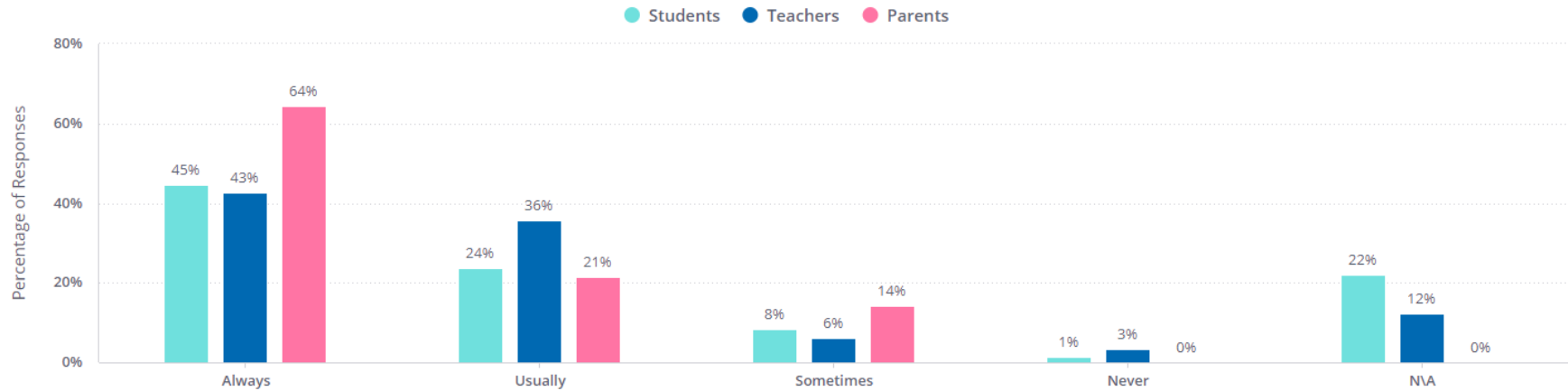
What percentage of our students and teachers have shared access to a laptop, tablet, or smartphone? ⓘ

DEVICES AVAILABLE TO STUDENTS AND TEACHERS THAT ARE SHARED



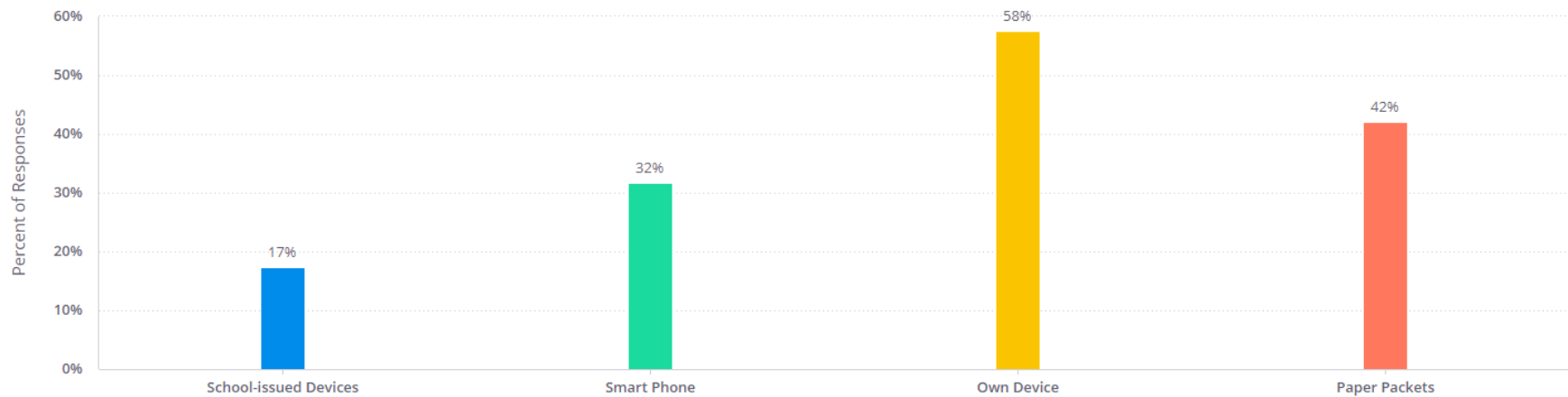
How often do students have enough access to devices to accomplish their work? ⓘ

STUDENT ACCESS TO DEVICES AS REPORTED BY TEACHERS, STUDENTS AND PARENTS



Which devices do students use to complete their schoolwork? ⓘ

STUDENT DEVICES USED FOR SCHOOLWORK



KETS Master Plan Areas of Emphasis

Connected to the Future Ready Framework

The Future Ready Framework identifies seven Gears to assist districts in developing a roadmap for student success through personalized student learning and collaborative leadership. The KETS Master Plan has identified 37 Areas of Emphasis connected to the Future Ready Framework and are categorized as either *1) Areas of Acceleration (AA)* or *2) Areas of Improvement (AI)*. The “areas of acceleration” are considered big wins, successes, and major milestones of the KETS are identified for continuation work. The “areas of improvement” address emerging areas based upon growth or decline metrics, research, needs assessments, and reporting by Kentucky school districts.



Use the Areas of Emphasis and Future Ready Framework as a lens to analyze current trends, initiatives, needs and goals of your district. Link the work of this new plan identified by your planning team to the Gears and Areas of Emphasis of the KETS Master Plan on the following pages. There is no expectation to address all 36 Areas of Emphasis of the KETS Master Plan. Any strategy that involves Erate, please include in the Budget & Resources gear. If your district has lease agreements (i.e.; device, fiber, etc.), be prepared to reference the quantity during the final submission process.








Robust Infrastructure & Ecosystem

Future Ready Gear

KETS GUIDING PRINCIPLE – A robust infrastructure is one that delivers the device, network and support needs of staff and students to create personalized learning environments using digital tools and resources.

Areas of Emphasis: Areas of Acceleration (AA)  /Areas of Improvement (AI) 

 AA-1	Continue to provide nation’s first, fastest, highest quality, and most reliable internet access to 100% of Kentucky’s public schools
 AA-2	Continue to ensure equity and standardization for delivery of device, network, data and support creating best in class staff and student digital experiences AND provide a system of shared/brokered/managed services maintaining low infrastructure costs and providing support structures promoting the use of personalized learning environments
 AA-3	Continue to create a culture of digital connectedness through all- the-time, everywhere, always on digital opportunity and access with emphasis on dense Wi-Fi throughout schools <i>(also including home access, Wi-Fi buses, school and classroom Wi-Fi, etc.)</i>
 AA-4	Continue to encourage the use of instructional programs and administrative processes requiring cloud-based services
 AI-1	Improve ease of access for students and staff through continued progress toward 1:1 student to computer ratio utilizing increased amounts of mobile devices <i>(fewer traditional computer labs)</i>

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA2	Wireless access equipment will be supplemented for increased signal strength to the point of saturation and wireless will be upgraded to the most current technology.	CIO, Tech Staff, Vendor Partner	completed by Aug 1, 2023	Erate KETS General Fund Federal Program Grant	\$5000	Teachers and students will have adequate access points and wireless signals for teaching and learning activities.
AA3	Student connectivity gap closure	CIO, District Administrators, Teachers	completed by Aug 1, 2023	Local Funds Federal Programs	\$10,000	Hotspots will be used for those students who select to remain online. Hotspots will be provided to those students who do not have internet access at home. Each hotspot is \$45/ month. I am estimating 30 devices.
AA1	KETS/USF funds will be used to purchase routers, servers, switches, and wireless equipment to replace end of life equipment.	CIO, Tech Staff, Vendor Partner	completed by Aug 1, 2023	KETS Erate Local Funds	\$100,000	Student achievement will increase through greater access to network resources
AA2	Building network and telecommunications renovations and additions at all schools will include equivalent current technology for internal connections as well as wireless and private video branch exchange.	CIO, Tech Staff, Vendor Partner, District Administrators	completed by Aug 1, 2023	KETS Erate Local Funds	\$50,000	Teachers and students will have state of the art technology for teaching and learning activities.
AA3	Parents and stakeholders will receive announcements, closing information, absence	CIO, District Administrators, School	completed by Aug 1, 2023	Local Funds	\$3000	Parents and stakeholders will have current correct information provided from school personnel.

	reports through a rapid calling/ texting system.	Administrators, Attendance Clerks				
AA4	A Paperless, digital signature, and digital workflow solution will be implemented across the district.	CIO, District Administrators, School Administrators, Attendance Clerks, Teachers	completed by Aug 1, 2023	Local Funds	\$15000	The district will use paperless workflow to submit forms and paperwork. Digital signatures will be utilized.









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 (<i>Infinite Campus, Early Warning, MUNIS, eTranscripts, School Report Card</i>)
 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 (<i>acceptable use policies, firewall updates, data privacy studies, digital citizenship, content filtering</i>)
 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 (<i>annual auditors, TELL survey, Technology Activity Report, Digital Readiness, Data Quality Study, Data Quality Campaign, BrightBytes, SpeakUp</i>)
 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 (<i>Infinite Campus, Early Warning, School Report Card, MUNIS</i>)
 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 (<i>The People Side of EdTech</i>)



AI-2

Kentucky K-12 Data systems are first-class but we need to do much better with district using the data available to them as well as providing visual data analytic tools allowing the data to be better understood and more interesting to the average person who does not have a technology and data background



KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA2	Students and their parents will indicate their understanding of acceptable use of technology equipment by signing the Bath County Acceptable Use Policy every year.	Superintendent, CIO, Principals, Counselors	completed by Aug 1, 2023	None	None	Students will submit a signed Acceptable Use Policy signature page to appropriate school personnel at every level.
AA2	LightSpeed relay internet filter provided by the state of Kentucky provides a modern solution for internet filtering. Local districts are required to meet the requirements of CIPA (Child Internet Protection Act)	CIO, Tech Staff, Vendor Partner, District Administrators	completed by Aug 1, 2023	KDE Provided	None	Students will be provided a safe online environment to research and collaborate.
AA3	Infinite Campus will be used across the district to house all student information, and used for online registration of new and existing students.	Superintendent, DPP, CIO, Tech Staff, Principals, Counselors	completed by Aug 1, 2023	Local Funds	\$11,000	Registration will be paperless and completed through Infinite Campus Online Registration. All student information will be housed in IC.











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 <i>(ex. Accounting for cost of ownership over the lifespan of equipment so monies are allocated for repairs/upgrades)</i>
 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 <i>(e.g. Internet consumption)</i> while maximizing education technology programs and initiatives <i>(Technology Need, E-rate)</i>
 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 <i>(Infinite Campus, Early Warning, School Report Card, MUNIS)</i>
 AA-5	Continue supporting teacher efforts in taking ownership of digital citizenship skills and education their student in the same skills to foster a secure digital learning environment
 AI-1	Make districts aware of position/roles requiring technology-related duties in support of technology and instruction <i>(The People side of K-12 EdTech)</i>
 AI-2	Make districts aware of how to reduce expenditures on printing/print services <i>(both in consolidated contract pricing as well as shifting from paper to digital experiences)</i>
 AI-3	Evaluate the need and explore new contracts that drive costs down for statewide summative online assessment, learning management systems, printing services and interim based assessments



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

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA2	IC Data Health Check	CIO, DPP, Counselors, Principals	completed by Aug 1, 2023	KDE Provided	None	Data in Infinite Campus will be cleaned up and accurate for all students in conjunction with annual updates from parents during online registration.
AA2	Chromebook Refresh	CIO, Tech Staff, Vendor Partner, District Administrators, Principals, Teachers	completed by Aug 1, 2023	ESSER Funds ECF Funds	\$300,000	All end of life chromebooks will be out of our district. Using ECF funds, chromebooks will be replaced at a 1:1 rate.
AA2	Chromebook Carts/ Storage Solutions	CIO, Tech Staff, Vendor Partner, District Administrators, Principals, Teachers	completed by Aug 1, 2023	ESSER Funds Local Funds	\$20,000	Chromebook carts or alternative storage solution for all chromebooks to ensure safety and proper storage of all devices.
AA2	Interactive Panel Refresh	CIO, Tech Staff, Vendor Partner, District Administrators, Principals, Teachers	completed by Aug 1, 2023	ESSER Funds	\$90,000	Updated interactive panels for all classrooms- replacing outdated smart boards and projectors.

AA2	Desktop Refresh for Teachers with mounting system for direct connection to interactive panel	CIO, Tech Staff, Vendor Partner, District Administrators, Principals, Teachers	completed by Aug 1, 2023	ESSER Funds	\$140,000	Teachers will have new desktops to connect directly to their interactive panels. This will eliminate the need for networking running through the ceilings and walls and will provide a more stable and reliable connection.
AA1	Classroom management system solution	CIO, Tech Staff, Vendor Partner, Teachers	completed by Aug 1, 2023	Local Funds	\$25,000	Teachers will be able to monitor chromebook or windows device usage. Teachers will have control of monitoring and controlling devices from a central location.
AA1	All technology licensing requirements will be kept current. Microsoft EES Volume Licensing, Server CAL's, McAfee Anti-Virus licenses and server licenses will be purchased to assure compliance.	CIO, Tech Staff	completed by Aug 1, 2023	KETS Funds	\$12,000	Bath County will maintain legally required licenses.
AA2	Centralized printing to network ready copiers and printers across the district and managed with PaperCut Software.	CIO, Tech Staff	completed by Aug 1, 2023	Local Funds	\$10,000	Teachers and staff will be able to print and release from any location in the district. Staff will be able to monitor usage.
AA2	Password Reset/ Ticketing Technology	CIO, Tech Staff	completed by Aug 1, 2023	Local Funds	\$7,000	Software will give staff and students a self service option to reset passwords from any location. The ticketing and asset management system will allow for better response time to technology issues and allow our department to make data driven purchasing decisions.








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 (<i>districts, vendors, higher-education, regional cooperatives</i>)
 AA-2	Continue to utilize avenues of communication with shareholders allowing pertinent information and dialog to further student learning efforts (<i>Webcasts, BrightBytes, Technology Activity Report, KETS Service Desk, Office of Education Accountability studies, independent studies, etc.</i>)
 AA-3	Continue to utilize tools engaging postsecondary institutions, community members, districts and families in student learning and life after K-12 (<i>eTranscripts, School Report Card and Dashboard tool, Infinite Campus parent and student portal, KDE Open House, Digital Readiness Survey</i>)
 AI-1	Partner with postsecondary pre-service teacher and principal programs to provide support in candidate preparation
 AI-2	Encourage postsecondary institutions to host STLP events and /or more fully maximize the opportunity to showcase the university and its programs while students are on campus

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA1	Parents and stakeholders will receive announcements, closing information, absence reports through a rapid calling/ texting system.	CIO, District Administrators, School Administrators, Attendance Clerks	completed by Aug 1, 2023	Local Funds	\$3000	Parents and stakeholders will have current correct information provided from school personnel.
AA1	Partnership with State Police, SRO and local law enforcement agencies to assist in teaching students about digital citizenship.	CIO, SRO, State Police, Local Law Enforcement, Teachers, Principals	completed by Aug 1, 2023	Local Funds	\$500	Students will receive information on cybersecurity from law enforcement.
AA1	Use of social media and webpage to promote positivity and share good things happening in our district	CIO, Superintendent, Promotions Team, Teachers	completed by Aug 1, 2023	None	None	Community members, stakeholders, parents will be constantly informed of activities within the district.
AA1	Use of two-way communication platforms to communicate with parents.	Principals, Counselors, Teachers	completed by Aug 1, 2023	Local Funds	\$2000	Parents will be engaged and frequently communicate with teachers and schools using two-way communication platforms such as Class Dojo and Google Classroom.
AA3	Continue to utilize tools engaging postsecondary institutions, community members, districts and families in student learning and life after K-12	Principals, Teachers, Counselors	completed by Aug 1, 2023	Local Funds	\$1000	Partnerships with postsecondary institutions, community members, and families will be enhanced through transparency practices including printed reports, published documentation on



	<i>(eTranscripts, School Report Card and Dashboard tool, Infinite Campus parent and student portal, KDE Open House, Digital Readiness Survey)</i>					website, and via social media.
AA2	Continue to utilize avenues of communication with shareholders allowing pertinent information and dialog to further student learning efforts <i>(Webcasts, BrightBytes, Technology Activity Report, KETS Service Desk, Office of Education Accountability studies, independent studies, etc.)</i>	Principals, Teachers, Counselors	completed by Aug 1, 2023	Local Funds	\$500	Partnerships with postsecondary institutions, community members, and families will be enhanced through transparency practices including printed reports, published documentation on website, and via social media.











Digital Curriculum, Instruction & Assessment

Future Ready Gear

KETS GUIDING PRINCIPLE – A digital learning experience is fostered by a teacher or coach with the use of rich digital instructional materials that are vetted to the rigor of Kentucky Academic Standards. A robust digital environment provides students with the opportunity to assess their own learning/progress.

Areas of Emphasis: Areas of Acceleration (AA)  / Areas of Improvement (AI) 

 AA-1	Continue to provide access to instruction digital content which further aligns to the Kentucky Digital Learning Guidelines
 AA-2	Continue providing opportunities for students to demonstrate learning connected to and through technology (<i>empowering students through technology with STLP, IT Academy, etc.</i>)
 AA-3	Continue to finalize and partner with Career and Technical Education (CTE) to promote Kentucky approved K-12 Computer Science Standards and Technology/Digital Literacy Content Standards (<i>based on International Society for Technology in Education standards</i>) for ALL students
 AA-4	Continue providing access to online assessment tools that allow teachers and administrators to assess student learning, provide timely feedback to students and make curriculum decisions (<i>online formative assessment tools, interim based assessments, and summative assessments</i>)
 AA-5	Continue to provide districts/classrooms access to digital instructional materials through an equitable of robust digital experience
 AI-1	Identify digital content and tools (curriculum, instruction and assessment) designed to have the highest impact and value (e.g. is the technology making or not making an instructional and learning difference?), including frequency of use by teachers and students
 AI-2	Create a closer connection with Career and Technical Education to expand information technology and computer science career pathway offerings specifically related to computer programming/coding and increase exams available through IT Academy
 AI-3	Play a vital role in implementation of summative online assessment and school report card and dashboard tool of the new assessment and accountability system

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AA5	Classroom Document Cameras to improve delivery of instruction	CIO, Tech Staff	completed by Aug 1, 2023	ESSER	\$20,000	To provide each teacher with an updated document camera that will work with our current technology setup.
AA5	Digitize paper workflow including digital signatures	CIO, Tech Staff, District Admin, Teachers, Principals	completed by Aug 1, 2023	ESSER	\$20,000	Program for each school to send documents home to capture digital signatures.
AA2	Digital Learning Coaches at all BC schools to enhance technology opportunities for students and provide support for staff.	CIO, Principals	completed by Aug 1, 2023	KDE Matching Funds Local Funds	\$6000	Each school will have two Digital Learning Coaches who are available to enhance instruction for students through technology and provide support for staff.
AA2	STLP Chapters at all BC schools. Each chapter has a unique focus based on the interests of the students at each school.	CIO, Principals, Teachers	completed by Aug 1, 2023	Local Funds STLP Grants	\$10000	Each school will have an active STLP club and participate in local, regional, and state competitions.
AA2	Girls Who Code Chapters at all BC schools. Each chapter has a unique focus based on the interests of the students at each school.	CIO, Principals, Teachers	completed by Aug 1, 2023	Girls Who Code Grant Local Funds	\$3000	Each school will have an active Girls Who Code club.
AA5	All teachers will have access to an online curriculum to help supplement their instruction and support remote learning settings.	Virtual Academy Admin, Director of Instruction,	completed by Aug 1, 2023	Local Funds	\$20,000	Teachers will have the ability to design and deliver lessons for students to give support during online learning

		CIO				
AA5	Google Classroom and Campus Learning will be used at a learning Management System for all grade levels. Elementary schools will also use Class Dojo to support remote learning and communication	Teachers, Principals	completed by Aug 1, 2023	Local Funds State Funds	State Provided	Teachers will have the ability to manage and organize student assignments and work. These programs will also be used as a means for secure two-way communication with students and parents.
AA2	Chromebooks available to all students in the district.	CIO, Tech Staff, Vendor Partner, District Administrators, Principals, Teachers	completed by Aug 1, 2023	ESSER Funds ECF Funds	\$300,000	All end of life chromebooks will be out of our district. Using ECF funds, chromebooks will be replaced at a 1:1 rate.
AA2	All classrooms will have Chromebook Carts/ Storage Solutions	CIO, Tech Staff, Vendor Partner, District Administrators, Principals, Teachers	completed by Aug 1, 2023	ESSER Funds Local Funds	\$20,000	Chromebook carts or alternative storage solution for all chromebooks to ensure safety and proper storage of all devices.
AA2	All classrooms will have an interactive panel	CIO, Tech Staff, Vendor Partner, District Administrators, Principals, Teachers	completed by Aug 1, 2023	ESSER Funds	\$90,000	Updated interactive panels for all classrooms- replacing outdated smart boards and projectors.
AA2	All classrooms will have a desktop with mounting	CIO, Tech Staff, Vendor	completed by Aug 1, 2023	ESSER Funds	\$140,000	Teachers will have new desktops to connect directly to their



	system for direct connection to interactive panel.	Partner, District Administrators, Principals, Teachers				interactive panels. This will eliminate the need for networking running through the ceilings and walls and will provide a more stable and reliable connection.
AA1	Classroom management system solution	CIO, TEch Staff, Vendor Partner, Teachers	completed by Aug 1, 2023	Local Funds	\$25,000	Teachers will be able to monitor chromebook or windows device usage. Teachers will have control of monitoring and controlling devices from a central location.
AI1	All students will have access to a computer science curriculum and exposure to technology as a tool for teaching and learning.	CIO, Principals, Teachers, Curriculum and Instruction Director	completed by Aug 1, 2023	Local Funds, KETS, Federal Funds	\$10,000	Students are productive with the use of technology.





Personalized Professional Learning

Future Ready Gear

KETS GUIDING PRINCIPLE – Digital learning expands the access to quality strategies and experiences for educators beyond the traditional methods of professional development. A culture of digital collaboration, workflow and relationships allows educators to build skill sets and instructional best practices with colleagues globally. This approach of increased access and flexibility for professional learning ultimately leads to greater success for students.

Areas of Emphasis: Areas of Acceleration (AA)  / Areas of Improvement (AI) 

 **AA-1** Continue building a culture of digital collaboration and connected digital relationships that allow administrators to support and encourage the use of digital tools by staff for professional learning

 **AI-1** Provide district with guidance and support to determine crucial learning needs of teachers resulting in more professional learning opportunities related to digital learning tools

KETS AA or AI	Strategy	Person(s) Involved	Anticipated Timeframe	Anticipated Funding Source	Anticipated Funding Amount	How will you know this is successful? (including metrics)
AI1	Teachers will incorporate technology resources in the learning activities all across the curriculum.	Principals, Teachers	completed by Aug 1, 2023	Local Funds Federal Funds	None	Teachers will use technology resources efficiently to support all content areas.
AA1	Bath County teachers and staff will receive professional development on technology and software programs related to their areas.	CIO, Director of Curriculum and Instruction, Director of Continuous Improvement	completed by Aug 1, 2023	Local Funds	\$1,000	Teachers will more effectively integrate technology into the curriculum as evidenced by lesson plans and the aligned curriculum document



		t, Director of Special Ed, Principals, District Administrators				
AA1	Teachers will receive PD on emerging technologies such as blended learning, remote learning, responsive lesson design, cloud based technology, document sharing, etc. to be used as part of instruction	CIO, Director of Curriculum and Instruction, Director of Continuous Improvement, Director of Special Ed, Principals, District Administrators	completed by Aug 1, 2023	Local Funds	\$1,000	Knowledge of new technology developments will be increased and incorporated into lessons



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	Students with prerequisite classes will be allowed to enroll in dual credit and AP classes to allow them to receive both high school and college credit.	Director of Instruction and Curriculum, Counselors, Principals, Teachers	completed by Aug 1, 2023	Local Funds	\$10,000	Students will participate in dual credit courses and AP courses through distance learning resources.
AA1	All teachers will have access to an online curriculum to help supplement their instruction and support remote learning settings.	Virtual Academy Admin, Director of Instruction, CIO	completed by Aug 1, 2023	Local Funds	\$20,000	Teachers will have the ability to design and deliver lessons for students to give support during online learning

AA5	Google Classroom and Campus Learning will be used at a learning Management System for all grade levels. Elementary schools will also use Class Dojo to support remote learning and communication	Teachers, Principals	completed by Aug 1, 2023	Local Funds State Funds	State Provided	Teachers will have the ability to manage and organize student assignments and work. These programs will also be used as a means for secure two-way communication with students and parents.
AA2	Chromebooks available to all students in the district.	CIO, Tech Staff, Vendor Partner, District Administrators, Principals, Teachers	completed by Aug 1, 2023	ESSER Funds ECF Funds	\$300,000	All end of life chromebooks will be out of our district. Using ECF funds, chromebooks will be replaced at a 1:1 rate.