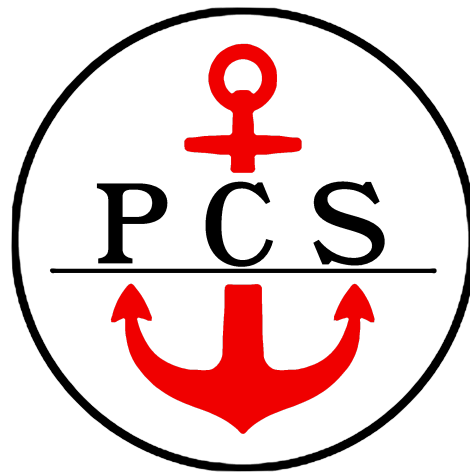


**DISTRICT NAME** Powell County Schools

**LOCATION** Stanton, KY

**PLAN YEAR(S)** 2025-2028 (2025-2026)



[www.powell.kyschools.us](http://www.powell.kyschools.us)

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## Planning Team

|   |   |
|---|---|
| <b>District Staff</b> [Recommended to include CIO/DTC, DLC, technician, finance officer, superintendent, academic officer, DAC, etc.] |   |
| Ashley Randall, Chief Information Officer   | Christopher Carpenter, Network Engineer |
| Sarah Wasson, Superintendent  | John Crowe, Lead Technician             |
| Alicia Frazier, Chief Financial Officer   | Travis Shane Morris, Technician         |
| <b>Building Staff</b> [Recommended to include principals, LMS, STC, counselors, teachers, teaching assistants, etc.]                  |   |
| Crystal Neal, Librarian & School Technology Coordinator   | Christopher Roberts, Classified Staff   |
| Lyndsey Spencer, Guidance Counselor   |   |
| Amy Hamm-Hall, Teacher  |   |
| <b>Additional District Contributors</b> [Recommended to include board members, SBDM members, program directors, etc.]                 |   |
| Meredith Robinson, Director of Pupil Personnel  |   |
| Mark Collier, Board Member  |   |
| <b>Other</b> [parents/community members, business and nonprofit leaders, etc. ]   |   |
| Evan Kinser, Community Member   | Bethany Baker, Parent                   |
| Chad Poe, Parent  | Travis Isaacs, Community Member         |
| Ian Morton, Parent  |   |

## 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?*

- "Implement a student-monitoring program/service"- We have fully implemented Lightspeed Classroom to monitor students' digital activity more effectively. In addition to enhanced classroom controls, we have also provided resources for teachers to properly implement the software. However, as we move to GoGuardian Admin, we will also look into switching monitoring software to GoGuardian Teacher.
- "Upgrade access points throughout the district to provide adequate access for staff and students."- We completed this activity leveraging E-Rate discounts. Access points are fully installed and functioning, providing better wireless access for all stakeholders.
- "Form an Ongoing Technology Planning Committee."- We have implemented a Technology Committee complete with stakeholders who hold multiple roles creating a flow of information, discussion, and feedback.
- "Provide equitable classroom access to digital instructional materials."- We have fully implemented three new instructional programs (reading, math, and social studies), all of which contain digital resources.
- "Use of Clever to provide instructional supports for staff with user accounts and streamlining of rostering and use of instructional tools online."- We now use Clever to roster all district-wide instructional programs and also use the tool to provide troubleshooting and support.

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

- We did not complete the Student Technology Survey in the first quarter as anticipated, but we plan to complete this in the Spring.

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

- Creation of CIO and STC Handbook- These handbooks are now in draft form and will be available for reference soon.
- "Reduce the need for desktop computer labs."- We now only have two desktop computer labs in the district, effectively completing the transition.

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

- Rapid Identity (CUES Project)- As part of the statewide initiative (CUES Project), we will be migrating to Rapid Identity, enhancing data security and streamlining onboarding and offboarding processes for staff and students.
- Transition of Phone and Fax Lines- As service providers are terminating POTS (copper) lines, we will need to transition to a new service.
- Migration to GoGuardian Admin- As we transition our content filtering services from Lightspeed to GoGuardian Admin, we will need to ensure that proper settings, logistics, and use are implemented effectively to ensure student and staff safety.

## 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?*

- The Powell County Schools Technology Committee met and exchanged information and resources to discuss what staff, students, and district needs are for the current and upcoming years.
- The School Technology Coordinators and the Technology Department as a whole remain in continuous discourse to evaluate current services and discuss potential areas of need.
- Weekly Leadership Meetings are held with all district-level administrators to collaborate and determine department-specific needs and create action and implementation plans.
- We attend networking events and Educational Technology conferences/meetings to collaborate with other districts and entities to establish best practices, determine problem areas with successful solutions, and remain well-versed in the latest educational technology trends. This information is then disseminated in the district.
- Weekly Communication is distributed to all staff members with feedback forms, current information and initiatives, and data collection tools to help determine strategies and needed adjustments.
- The Chief Information Officer and Chief Academic Officer, along with building level administrators, collaborate to review District and School Improvement Plans and Assurances to ensure that we provide the necessary resources and services to effectively implement those plans.

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

We would like to continue engagement with stakeholders to promote collaboration and a consistent flow of information and feedback to achieve initiatives we have outlined in regard to curriculum and instruction, student technology, professional development, and technology infrastructure through multiple means.

### **Curriculum and Instruction Integration**

- Ongoing support for our instructional programs will help us to maintain quality curriculum integration with both seasoned and incoming staff.
- The consistent support of digital tools like Clever, Google, and Microsoft services will allow us to leverage technology to improve instruction and properly equip teachers.

### **Student Technology Literacy**

- Our 1:1 device refresh schedule and equitable network access ensure that students have the necessary tools to succeed academically.
- Supporting the development of programs like STLP will diversify the academic experience for students.

### **Professional Development**

- Training in regards to the appropriate and effective use of AI tools will effectively prepare stakeholders for real-life implementation of digital skills.

## Technology Infrastructure

- Maintaining the wired and wireless network ensures a proper infrastructure that sets the district up for success.
- Upgrading our phone service system will improve communication and also provide the necessary safety infrastructure for staff and students.
- Monitoring school and district purchases will ensure the effective use of resources.

These activities, in a overall sense, will aid in the success of our students and other stakeholders by providing and supporting effective student technology literacy, professional development, appropriate infrastructure, and curriculum integration. By leveraging the infrastructure and professional development, we allow ourselves to progress in the areas of curriculum and instruction as well as student technology literacy.

## Student Voice

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

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

By Spring of 2025 we will have implemented our first data collection tool for students concerning their digital learning environment.

*If you have a method to collect student voice for this purpose, reference specific data points from the collection that were useful in developing strategies for this new plan or informed strategy adjustments during an ongoing plan.*

## KETS Master Plan Areas of Emphasis

### Connected to the Future Ready Framework

The Future Ready Framework identifies eight Gears to assist districts in developing a roadmap for student success through personalized student learning and collaborative leadership. The KETS Master Plan has identified 44 Areas of Emphasis connected to the Future Ready Framework and are categorized as either 1) *Acceleration Area (AA)* or 2) *Growth Opportunity Area (GO)*. The “acceleration areas” are considered big wins, successes, and major milestones of the KETS are identified for continuation work. The “growth opportunity areas” address improvement targets for the Master Plan.

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 44 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.





Collaborative Leadership

Future Ready Gear

**KETS GUIDING PRINCIPLE** – Collaborative leadership creates a shared vision of digital teaching and learning, an environment of collaboration (where partners make stuff together), encourages embracing innovation and empowerment, and a culture of evidence-based systems and processes.

Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)



AA-1

Continue to use structures providing opportunities for feedback from shareholders and evidence of how KETS systems and processes are working or not working (360 feedback, CIO Summit)



AA-2

Continue the fostering of strategic partnerships and collaborations among educational institutions, technology companies, policymakers, and community organizations. Develop networks that facilitate knowledge exchange, collaborative research, and resource-sharing to promote innovation and address common challenges in education technology.



AA-3

Continue the recognition and support for the crucial role of teachers as leaders in educational technology integration. Provide professional learning opportunities and resources that enable teachers to develop expertise in leveraging technology to enhance instruction and student engagement.



GO-1

Improve collaboration among educators, technologists, administrators, and researchers to foster a holistic approach to education technology development, implementation, and evaluation. Encourage open channels of communication and provide platforms for sharing best practices, ideas, and resources across different disciplines and institutions.

# DISTRICT TECHNOLOGY PLAN

Powell County Schools

| KETS AA or GO | Strategy/Action Item   | Person(s) Involved                      | Anticipated Timeframe     | Anticipated Funding Source | Anticipated Funding Amount | How will you know this is successful? (including metrics)   |
|---------------|--|---|---------------------------|----------------------------|----------------------------|---|
| AA-1          | Participation in the Annual CIO Summit   | CIO                                     | Annually                  | N/A                        | N/A                        | Annual participation in CIO Summit is complete, feedback taken back to the district   |
| AA-2          | Technology Planning Committee will continue to be tasked with items such as District Technology Plan creation, feedback analysis, and overall advisory | District Technology Committee           | Ongoing through June 2028 | N/A                        | N/A                        | Multiple modes of feedback collected, Action Items completed from committee discussions, Committee Agenda and Minutes tracking progress |
| AA-2          | Continued participation in CKATC Meetings and Meetings with Regional KETS Engineer to promote utilization of a knowledge network.                      | CIO, Network Engineer                   | Ongoing through June 2028 | N/A                        | N/A                        | Meeting notes with completed action items, Creation of an Ongoing knowledge base for use in the district and outside the district       |
| AA-2          | Continued Partnership with KySTE   | CIO, Network Engineer, Technicians, STC | Ongoing through June 2028 | KETS                       | \$3,500                    | Action Items and Knowledge Base Additions garnered from KySTE Membership and active participation                                       |
| AA-3          | Creation and Implementation of Professional Learning for Teachers in regards to educational tools relevant to the district                             | CIO                                     | Ongoing through June 2028 | N/A                        | N/A                        | Completed professional learning and support sessions  |



## Robust Infrastructure & Ecosystem

*Future Ready Gear*

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

*Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)*



**AA-1**

Continue to provide nation's first, fastest, highest quality, and most reliable and secure 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 provide digital equity and foster a culture of digital connectedness for students and staff by ensuring access to a 1:1 device assignment, prioritizing mobile devices over traditional computer labs, and providing consistent Wi-Fi coverage throughout schools. This approach emphasizes always-on, everywhere seamless digital opportunity and access, and includes an emphasis on empowering schools/districts to have a full understanding of digital access beyond the campus



**AA-4**

Continue to encourage the use of instructional programs and administrative processes requiring cloud-based services



**AA-5**

Continue to implement efficient and effective interoperability strategies with statewide, districts, and schools EdTech systems and platforms (including integrations and seamless data exchange). Interoperability strategies aim to enhance user experiences and drive administrative efficiencies with education technologies.



**GO-1**

Improve responsive EdTech support systems by securing leadership positions designed to make decisions to improve teaching and learning through technology integration. This role outlines the district's vision for education technology, implements digital learning strategies, and ensures that technology resources align with students' learning needs. Responsibilities and expectations are primarily focused on understanding the educational needs and challenges of the district with a "seat at the table." Responsibilities would likely include influencing district-level budget conversations, leading planning efforts, research, procuring state and federal program funding, and establishing overall direction and vision of using technology for school efficiencies and instruction/learning.



**GO-2**

Improve formal cycles for review, refresh, and replacement - ensure upgrades, additions, and when called for, sunseting/eliminations in a timely, environmentally responsible and proactive manner of devices, infrastructure, and digital tools and resources. Where possible, teams make concerted efforts to automate systems to drive effectiveness and efficiency. (This is also connected to budget gear)

| KETS AA or GO | Strategy/Action Items  | Person(s) Involved                  | Anticipated Timeframe     | Anticipated Funding Source | Anticipated Funding Amount                                | How will you know this is successful? (including metrics)              |
|---------------|--|-------------------------------------|---------------------------|----------------------------|---|--|
| AA-1          | Improve district policies and procedures to streamline the repair process.   | CIO, Network Engineer, Technicians  | Ongoing through June 2028 | N/A                        | N/A   | Tickets will be tracked and resolved through One-to-One Plus software. |
| AA-1          | Prepare and secure fiber lease approval from the Board of Education, board attorney, and KDE for district WAN.   | CIO, CFO                            | Annually                  | Erate; General Fund        | approx. \$120,000/yr (Erate \$108,000; District \$12,000) | Board will approve ongoing lease each year.                            |
| AA-2          | Continue to provide students and teachers with technical support for devices used for instruction.   | CIO, Network Engineer, Technicians, | Ongoing through June 2028 | General Fund               | \$4000/yr   | Tickets will be tracked and resolved through One-to-One Plus software. |
| AA-2          | Continue to ensure high availability of network resources and coverage throughout campus by modifying wireless coverage and switching equipment as needed. | CIO, Network Engineer               | Ongoing through June 2028 | Erate; KETS                | N/A   | Fewer bottleneck work orders will be received.                         |
| AA-2          | Maintain software licensing for all servers and workstations.  | CIO, CFO                            | Ongoing through June 2028 | KETS; General Fund         | \$14,000/yr   | Licenses will be renewed each year.                                    |
| AA-2          | Back up all data servers and provide current warranty/software/maintenance renewals. Backup of Google data.  | CIO, Network Engineer               | Ongoing through June 2028 | KETS                       | \$3000/yr   | Backup reports will be verified.                                       |
| AA-2          | Continue Microsoft Licensing   | CIO, CFO                            | Ongoing through           | General Fund               | \$18,000/yr   | Licenses will be maintained.   |

# DISTRICT TECHNOLOGY PLAN

Powell County Schools

|      |   |  |                           |                          |             |  |
|------|---|--|---------------------------|--------------------------|-------------|--|
|      | A3 agreement.   |  | June 2028                 |                          |             |  |
| AA-2 | Continue Google Workspace for Education Plus agreement.   | CIO, CFO                                 | Ongoing through June 2028 | General Fund             | \$10,000/yr | Licenses will be maintained.   |
| AA-3 | Maintain <u>wired</u> network infrastructure to support all facets of district needs, including desktop access, printing, security, voice, and other essential services for students, teachers, and administrative needs. | CIO, Network Engineer                    | Ongoing through Jun 2028  | KETS; General Fund       | As Needed   | Network activity reporting; Reduced network downtime; Reduced network related work orders.             |
| AA-3 | Ensure the new elementary school has up-to-date cabling, access points, switches, interactive boards, etc.  | CIO, Construction Vendor, Superintendent | July 1, 2025-July 1, 2026 | KETS, General Fund, BG's | As Needed   | Full Network capabilities at the school, bandwidth speed tests, proper supplies for classroom teachers |
| AA-2 | Transition to Upgraded Phone and Fax Services, Prepare for Telco's eventual retirement of POTS/copper lines   | CIO, Network Engineer                    | July 1, 2025-July 1-2026  | KETS, General Fund       | As Needed   | Full transition and upgrade of phone and fax service   |



## Data Security, Safety, Privacy & Use

*Future Ready Gear*

**KETS GUIDING PRINCIPLE** – Strategic use of student data is a cornerstone of digital learning and must be done securely, safely, and with a focus on maintaining privacy. Laws, policies, and procedures are enacted at the federal, state, district, and school levels that work in conjunction for this purpose. Student data are then utilized by security-aware, data-fluent, and data-informed educators for improved decision making leading to increased learning for students.

*Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)*



**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 and instructional leaders to identify what's working and what's not working based upon data quality and evaluate current systems and solutions to determine the effectiveness and future direction (*annual auditors, Impact survey, Technology Activity Report, Digital Readiness, Data Quality Study, Data Quality Campaign, SpeakUp*)



**AA-4**

Continue to migrate key administrative and student data sets to secure cloud providers that allow everywhere, all-the-time secure access for the improvement of student learning (*Infinite Campus, Early Warning, School Report Card, MUNIS*)



**GO-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*)



**GO-2**

Improve and enhance the tools available to maximize the use of data through enhanced reporting, tools that help improve data quality, and visual data analytic tools. Kentucky K-12 data systems are first-class, and we need enhanced tools to create a more usable and more interesting story for the average person who may not have a technology and data background.

| KETS AA or GO | Strategy/Action Items   | Person(s) Involved                 | Anticipated Timeframe         | Anticipated Funding Source | Anticipated Funding Amount | How will you know this is successful? (including metrics)  |
|---------------|---|------------------------------------|-------------------------------|----------------------------|----------------------------|--|
| AA-1          | Facilitate transition to Rapid Identity via the CUES project, Transition to Implementation and Utilization  | CUES Project Team                  | July 1, 2025-<br>July 1, 2026 | KDE                        | N/A                        | District will be fully implementing and utilizing Rapid Identity for enhanced data security and streamlined onboarding and offboarding processes |
| AA-1          | Use data from surveys to improve the technology department's effectiveness  | CIO, Network Engineer, Technicians | Ongoing through June 30, 2028 | N/A                        | N/A                        | Survey results   |
| AA-1          | Use Data (annual auditors, Technology Activity Report, Digital Readiness, SpeakUp, etc) to evaluate ROI and impact of Instructional tools.                        | CIO                                | Ongoing through June 30, 2028 | N/A                        | N/A                        | Data will show the usage of tools in regard to engagement and return on investment.  |
| AA-2          | Continued efforts to improve single sign-on for all users and applications. Also, increased usage of multi-factor authentication (MFA) for all admin-level staff. | CIO, Network Engineer              | Ongoing through June 30, 2028 | N/A                        | N/A                        | MFA will be implemented/forced for key staff.  |
| AA-2          | Ensure access policies and procedures provide secure access to all data across the district.  | CIO, Network Engineer              | Ongoing through June 30, 2028 | N/A                        | N/A                        | A review and update of access policies and procedures.   |
| AA-2          | Provide Internet content filtering to maintain compliance with the Children's Internet Protection Act (CIPA).   | CIO, Network Engineer              | Ongoing through June 30, 2028 | N/A                        | N/A                        | Logs of access control system and observation  |
| AA-2          | Implement a student-monitoring  | CIO, Network Engineer              | Ongoing through June 30, 2028 | KETS                       | \$7,000                    | Use data program to assess effectiveness of the tool, usage  |



## DISTRICT TECHNOLOGY PLAN

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|      | program/service to alert key individuals of situations that need to be addressed  |                       |                               |     |     | reports  |
|------|---|-----------------------|-------------------------------|-----|-----|--|
| AA-4 | Continue/refine the process for software approval focusing on data privacy and security→ Utilization of Technology Purchase Request | CIO, Network Engineer | Ongoing through June 30, 2028 | N/A | N/A | Process in place for software approval including a list of vetted software which can be used by teachers/students. |
| GO-1 | Annual BOE update by August 31 of each school year  | CIO                   | Annually                      | N/A | N/A | Presentations will be made by August 31 of each year.  |



## Budget & Resources

*Future Ready Gear*

**KETS GUIDING PRINCIPLE** – The Master Plan, as well as district and school technology plans, are aligned to the vision for digital teaching and learning for students and staff. Revenue streams are aligned to account for the recurring and nonrecurring total cost of ownership to support the modernized and personalized learning experiences (and environment) in a manner that reflects good stewardship of tax dollars to include devices, infrastructure, support, data and human capital services. (i.e. The People Side of EdTech)

*Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)*



**AA-1**

Continue to maximize local and state education technology expenditures through a system of shared/brokered/managed services



**AA-2**

Continue use of long-term planning strategies that allow for continuity of initiatives and systems (*ex. Accounting for cost of ownership over the lifespan of equipment so monies are allocated for repairs/upgrades*)



**AA-3**

Continue to leverage all available state and federal funding opportunities to address required basic cost of living increases, previous budget cuts of basic services, projected growth by districts (*e.g. Internet consumption*) while maximizing education technology programs and initiatives (*Technology Need, E-rate*)



**GO-1**

Educate districts on the ongoing cost of position/roles requiring technology-related duties in support of technology and instruction as well as modern drivers that require differentiated and strategic staffing models (*The People side of K-12 EdTech*)



**GO-2**

Educate districts on how to reduce expenditures on printing/print services (*both in consolidated contract pricing as well as shifting from paper to digital experiences*)



**GO-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



**GO-4**

See an increased percentage of districts examining which education technology investments are or are not being maximized (through adoption, frequency of use, and impact)

| KETS AA or GO | Strategy/Action Items  | Person(s) Involved | Anticipated Timeframe         | Anticipated Funding Source | Anticipated Funding Amount | How will you know this is successful? (including metrics)         |
|---------------|--|--------------------|-------------------------------|----------------------------|----------------------------|---|
| AA-1<br>AA-2  | Continue to leverage Erate funds for eligible services as needed by the district. This can decrease the district's financial responsibility by approximately 85-90% saving the district hundreds of thousands each year. Continue eRate planning cycle and Category 2 5-year strategic planning to include infrastructure upgrades in all buildings over time. | CIO                | Ongoing through June 30, 2028 | Erate; KETS                | Unknown at this time.      | Erate will be applied for for various networking needs each year. |
| AA-2          | Collaborate with the Director of Finance, Superintendent, and Board of education to plan for ongoing refresh of all EdTech resources. The cost of the annual 1:1 device refresh is moved from a capital expenditure to an annual operational expense.  | CIO, Admin Team    | Ongoing through June 30, 2028 | General Fund, KETS         | Unknown at this time       | A long term plan will be developed and shared with admin.         |
| GO-1          | Annually (minimum), have a summary technology report for the Board of Education, to update on the human resources aspect of educational technology and resource management   | CIO                | Annually                      | N/A                        | N/A                        | Presentations will be made annually at minimum                    |
| GO-2          | Educate and remind administrators on the cost of printing based services vs embracing digital content.   | CIO                | Annually                      | N/A                        | N/A                        | Communication will be made annually.                              |

|      |  |     |                               |     |     |   |
|------|--|-----|-------------------------------|-----|-----|---|
| GP-4 | Continued use of the Technology Purchase Request Process for Purchases | CIO | Ongoing through June 30, 2028 | N/A | N/A | Completed Technology Purchase Request Forms in the purchasing process |
|------|--|-----|-------------------------------|-----|-----|---|



## Partnerships

*Future Ready Gear*

**KETS GUIDING PRINCIPLE** – Connecting students, leaders, 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, public libraries, and business/industry, in support of student learning and preparation beyond K-12.

*Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)*



**AA-1**

Continue to build trusted relationships with shareholders (families, districts, partners) to increase engagement, outreach, and connecting classroom experiences outside of school. (*districts, vendors, higher-education, regional education cooperatives, KET, KyVL*)



**AA-2**

Continue to utilize avenues of communication with shareholders allowing pertinent information and dialog to further student learning efforts (*Webcasts, Technology Activity Report, KETS Service Desk, Office of Education Accountability studies, independent studies, etc.*)



**AA-3**

Continue to utilize tools engaging postsecondary institutions, community members, districts and families in student learning and life after K-12 (*eTranscripts, School Report Card and Dashboard tool, Infinite Campus parent and student portal, KDE Open House, Digital Readiness Survey*)



**GO-1**

Partner with postsecondary pre-service teacher and principal programs to provide support in candidate preparation, especially in regard to student project-based demonstrations of technology competencies; get more students on college/university campuses while they are a K-12 student. Encourage postsecondary institutions (as well as other partners) to host STLP events and/or fully maximize the opportunity to showcase the university and its programs while students are on campus



**GO-2**

Improve access to resources and professional learning for district-based online/virtual and remote learning programs to engage in continuous improvement in order to create high-quality online learning experiences for students

| KETS AA or GO | Strategy/Action Items   | Person(s) Involved                        | Anticipated Timeframe         | Anticipated Funding Source | Anticipated Funding Amount | How will you know this is successful? (including metrics)   |
|---------------|---|---|-------------------------------|----------------------------|----------------------------|---|
| AA-1          | Support STLP at all schools.  | CIO, Technicians                          | Ongoing through June 30, 2028 | General Fund               | \$5000/yr                  | STLP Coaches will be paid a stipend of \$1,000/year to oversee clubs and will attend Regional and State Competitions.                       |
| AA-1          | Support STC's at all schools.   | CIO                                       | Ongoing through June 30, 2028 | General Fund               | \$5000/yr                  | STCs will be paid a stipend of \$1000/year to handle minor technical issues at their respective schools through help desk ticketing system. |
| AA-1          | All members of the Technology Department will attend the KYSTE conference.                          | CIO, Network Engineer, Technicians        | Annually                      | KETS, Title IV Part A      | \$5000/yr                  | Technology staff members will attend conferences and will share information with the team.  |
| AA-1          | Continue to utilize learning networks to build capacity (webcasts, State and Regional CIO meetings) | CIO, Network Engineer, STC's, Technicians | Ongoing through June 30, 2028 | KETS                       | \$1000/yr                  | Attendance will be verified and information will be shared with key staff.  |
| AA-1          | Increase number of teachers/admins participating in trainings, KYSTE, etc.                          | CIO                                       | Annually                      | General Fund               | \$4000/yr                  | Additional staff members will be included in KYSTE, School Technology Coordinator Attendance  |
| AA-1<br>AA-3  | Maintain Web Hosting Service with Finals site   | CIO; Technicians                          | Ongoing through June 30, 2028 | KETS                       | \$3000/yr                  | Website will remain operational with consistent use from District and School Contributors   |
| AA-2          | Publish Tech Plan highlights to web and/or social media   | CIO                                       | Ongoing through June 30, 2028 | N/A                        | N/A                        | Completed Publishing of the District Technology Plan  |



## 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 (KAS). A robust digital environment provides students with the opportunity to assess their own learning/progress towards mastery of content/skills or utilize instructional technology to provide timely feedback that moves learning forward. Digital curriculum and instruction can also provide students the opportunity to create digital products showcasing a deep understanding of core competencies of every subject, demonstrating mastery of Kentucky Academic Standards for Technology, and utilizing digital collaboration tools that provide a realistic connection to postsecondary and career readiness.

Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)



AA-1

Continue to provide access to high-quality learning experiences which further aligns to the Kentucky Digital Learning Guidelines



AA-2

Continue to promote, for ALL students, the use of Kentucky-approved/adopted Kentucky Academic Standards (KAS) for Technology, KAS for Computer Science, and KAS for Library Media Learning (*all based on national and international learner standards*)



AA-3

Continue providing opportunities for students to demonstrate learning connected to and through KAS for Technology, KAS for Computer Science, and KAS for Library Media Learning (*empowering students through technology with STLP, CS/IT Academy, etc.*)



AA-4

Continue to provide efficient and effective 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 high-quality and effective digital instructional materials through an equitable and robust digital experience



AA-6

Continue to support teacher efforts in taking ownership of digital citizenship skills and educating their students in the same skills to foster a responsible, safe, secure, and empowered digital learning environment.

|  |   |
|--|---|
| <br><b>AA-7</b> | Continue to play a vital role in implementation of summative online assessment and school report card   |
| <br><b>AA-8</b> | Continue to create a closer connection with Career and Technical Education to explain computer science career pathway offerings specifically related to computer programming/coding and increase valuable industry-level certifications and exams available through the CS & IT Academy |
| <br><b>GO-1</b> | Identify high-quality 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     |
| <br><b>GO-2</b> | Encourage, engage, and empower the safe and responsible uses of Artificial Intelligence (AI) into school efficiency and the learning space by teachers and students (ensuring humans remain in the loop with strong AI implementations)   |

| KETS AA or GO | Strategy/Action Item  | Person(s) Involved                  | Anticipated Timeframe         | Anticipated Funding Source | Anticipated Funding Amount | How will you know this is successful? (including metrics)   |
|---------------|---|-------------------------------------|-------------------------------|----------------------------|----------------------------|---|
| AA-1          | Online programming will allow students to follow programs tailored specifically to meet their individual learning needs. Provide equitable classroom access to digital instructional materials. | CIO, Supervisor of Instruction, DPP | Ongoing through June 30, 2028 | N/A                        | N/A                        | Students can engage in credit recovery, dual credit or take courses not offered in the standard curriculum without usual restrictions of a standard schedule. |
| AA-1          | Continue to support instructional programs  | CIO, Supervisor of Instruction      | Ongoing through June 30, 2028 | N/A                        | N/A                        | Effective implementation of instructional resources   |
| AA-2          | Implementation and Use of Clever to provide Instructional Supports for Staff with user accounts and streamlining of instructional tools online  | CIO                                 | Ongoing through June 30, 2028 | N/A                        | N/A                        | Consistent Use of Clever with Instructional Programs, Updated User Accounts for Staff and Students, Program Reports, Completed Support via Clever             |
| AA-2          | Staff and students will have  | CIO, Network                        | Ongoing through               | \$10,000 annually          | KETS,                      | Usage data from programs  |



## DISTRICT TECHNOLOGY PLAN

*Powell County Schools*

|              |  |   |                               |     |              |  |
|--------------|--|---|-------------------------------|-----|--------------|--|
| AA-4<br>GO-1 | continued access to Google Suite tools, including Classroom, Docs, Sheets, Forms, and Slides. Google Team Drive will allow for resource sharing among staff. | Engineer,                                 | June 30, 2028                 |     | General Fund |  |
| AA-4         | Work with DAC and BACs to support online assessment (KSA, ACT, etc)  | CIO                                       | Ongoing through June 30, 2028 | N/A | N/A          | Online testing will be successful each year with minimal interruptions for technology-related issues, BAC/DAC Feedback |
| AA-7         | Determine hardware needs and provide support for all online testing.   | CIO, Network Engineer, Technicians, STC's | Annually                      | N/A | N/A          | Online testing will be successful with minimal interruptions to service that are technology-related BAC/DAC Feedback   |



## 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: Acceleration Area (AA) /Growth Opportunity Areas (GO)*



**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



**AA-2**

Continue to promote and support the design and implementation of coaching models as a high-quality professional learning strategy (digital learning coach network, STLP coach network, etc)



**GO-1**

Provide districts with guidance and support to determine the learning needs of teachers resulting in high-quality professional learning opportunities related to digital curriculum and learning tools

| KETS AA or GO | Strategy/Action Item  | Person(s) Involved | Anticipated Timeframe         | Anticipated Funding Source | Anticipated Funding Amount | How will you know this is successful? (including metrics)   |
|---------------|---|--------------------|-------------------------------|----------------------------|----------------------------|---|
| 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 | CIO; Admins        | Ongoing through June 30, 2028 | N/A                        | N/A                        | Data obtained from Google Admin console and other platforms |
| AA-1          | Increase Professional   | CIO                | Ongoing through               | N/A                        | N/A                        | Increased participation and usage of                        |

|      |   |           |                               |     |     |   |
|------|---|-----------|-------------------------------|-----|-----|---|
|      | Learning Opportunities for Web-Based Programs including those afforded by the curriculum with additional support offered on an individual basis |           | June 30, 2028                 |     |     | mentioned web-based programs and beyond, completed individual support for staff             |
| AA-1 | Build the capacity of staff members in the utilization and appropriate use of AI  | CIO       | Ongoing through June 30, 2028 | N/A | N/A | Resource availability for staff members in regards to utilization and appropriate use of AI |
| AA-1 | Offer Training on Cyber-Security  | CIO       | Ongoing through June 30, 2028 | N/A | N/A | Resource Availability for Cyber-Security  |
| AA-2 | Continue support of STLP Coaches and School Technology Coordinators to aid stakeholders on a building level                                     | CIO, STCs | Ongoing through June 30, 2028 | N/A | N/A | Resource availability for STLP coaches and School Technology Coordinators                   |



## 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, digital efficiencies, and digital relationships, etc., assist in providing the vehicle for everywhere, all-the-time teaching and learning.

*Areas of Emphasis: Acceleration Area (AA) /Growth Opportunity Areas (GO)*



**AA-1**

Continue to provide guidance, support and resources for districts in the development and application of high-quality online, virtual, and remote learning programs as well as implementation of learning management systems



**GO-1**

Educate and support districts in the implementation and facilitation of digital learning tools and portable/mobile technologies that foster everywhere, all-the-time, always on, and 'always on you' access for staff and students

| KETS AA or GO | Strategy/Action Item   | Person(s) Involved                        | Anticipated Timeframe         | Anticipated Funding Source | Anticipated Funding Amount | How will you know this is successful? (including metrics)  |
|---------------|--|---|-------------------------------|----------------------------|----------------------------|--|
| AA-1          | Continue to utilize instructional programs and courses for non-traditional students/situations | CIO, Supervisor of Instruction, DPP       | Ongoing through June 30, 2028 | General Fund               | Unknown at this time       | Systemwide reports of completion of assigned materials   |
| AA-1          | Support the Implementation of our PCS Virtual Academy as needed                                | CIO, Virtual Academy Supervisor, CAO, DPP | Ongoing through June 30, 2028 | N/A                        | N/A                        | Implementation and consistency of services at the Virtual Academy, Course, and Credit Completion |
| AA-1          | Facilitate the Use of G-Suite Resources  | CIO                                       | June 30, 2028                 | N/A                        | N/A                        | Usage Reports of G-Suite Tools   |