

DISTRICT TECHNOLOGY PLAN

DISTRICT NAME Paducah Independent Schools

LOCATION Paducah, KY

PLAN YEAR(S) 2019-2020



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Planning Team

District Staff [Recommended to include CIO/DTC, TIS/DLC, technician, finance officer, superintendent, academic officer, DAC, etc.]	
Dale Weaver - CIO/Director of Technology	Will Black - Asst. Superintendent and Director of Instruction
Ken Reuter - Strategies Consultant	Donald Shively - Superintendent
Building Staff [Recommended to included principals, LMS, STC, counselors, teachers, teaching assistants, etc.]	
Kari Balkey - Technology Resource Teacher (TRT) and STC, Paducah Tilghman High School	Monte Hensley – STC, McNabb Elementary School
McKayla Everly - School Technology Coordinator (STC) and TRT, Paducah Middle School	Brittany Riley – TRT and STC, Morgan Elementary School
Arveta Turnley - STC and TRT, Choices Educational Center	Sharon Carvell - Library Media Specialist, Clark Elementary School
Virginia Molina - TRT and STC, Clark Elementary School	
Additional District Contributors [Recommended to include board members, SBDM members, program directors, etc.]	
Dr. Donald Shively - Superintendent	Angela Copeland - Director of Finance
Troy Brock - Director of Pupil Personnel	Amie Tooley - Director of Special Services
Dr. Carl LeBuhn - Board Chairman	Dr. Felix Akojie – Board Vice Chairman
Students [Recommended to include middle and/or high school students]	

Other [parents/community members, business and nonprofit leaders, etc.]	

Previous Plan Evaluation

In this section include a discussion of the "expiring" (*previous year's*) plan using the prompts below. Attempt to limit your narrative to the space provided.

What goals were met?

- Although some are ongoing goals, all were achieved.

Action plans achieved?

- Purchase new Microsoft 365 A3 licensing to support new programs as well as provide for the ability to upgrade existing machines.
- Provided professional development to key faculty and staff on the use of the existing as well as the new video distribution system.
- Replaced two of the aged high school laptop labs.
- Replaced 30 aged or failing LCD projectors across the schools.
- Continued support for many existing software systems through the renewal of various maintenance/support contracts.
- Continued support for many existing hardware systems through the renewal of various maintenance/support contracts.

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

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

- Increased access to indexed digital video content. PD on existing video distribution system did not increase usage. Most staff were using external sources such as BrainPop, YouTube, GoNoodle, Mystery Science, etc.
- Technology Resource Teacher (TRT) program does not have the impact that was intended. These stipend positions are added responsibilities to existing teachers. Although funding may not be available, we believe that a full time Digital Learning Coach would have a larger impact on teacher's effective use of technology in the classroom.

Areas of improvement?

- Expand TRT program or replace with full time Digital Learning Coaches

Needs that emerged after evaluation of the previous plan?

- Surface Go tablets, iPads, and carts to support the Project Based Learning class called "The Innovation Classroom" at Paducah Middle

New Plan Preview

This is a high-level overview or executive summary of the plan as a whole. Attempt to limit your narrative to the space provided below.

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

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

Through virtual (online) meetings and resources, in-person monthly meetings, and various forms of digital communications, the planned projects for this year were determined and approved. Some examples of these planning events include online meetings via Microsoft Teams, in-person STC meetings, in-person superintendent cabinet meetings, email, and needs lists.

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.

This year, we'll be maximizing KETS, USF/E-Rate, construction, and general funds to complete a host of projects. Below are the major initiatives.

- Completion of Innovation Hub which will combine art, engineering, information technology, robotics, and CAD w/ more traditional trades and skills such as health science, welding, carpentry/construction, auto-body, and auto-tech. There will be a wing full of maker-spaces as well.
 - With business partnerships, community access to maker-spaces, and a focus on innovation, this new "hub" will give students exposure to multiple instructional and career paths.
- Relocation of the Central Office to the Innovation Hub
 - Improve administrative efficiency, reduce energy costs, and cut out wasted space.
- Purchase and installation of our new district datacenter equipment.
- Replace 30 aged and/or failing LCD projectors
 - Allow teachers to have improved visual clarity for their students. All teachers have Surface Pro computers that transmit HD video output. Our current projectors cannot properly display that signal clearly causing shrunken and occasionally blurry images.
- Add and/or replace nearly 200 end-user computing devices from Surface Go's, laptops, iPads, and Android tablets.
- Our last major improvement will be a large upgrade to our wireless infrastructure which will replace the majority of our aging wireless equipment. This will help to keep our wireless infrastructure dense, stable, and secure to host our ever-increasing mobile environment.

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)?

- Student voice surveys did not collect responses about the digital learning environment this year. The plan is to collect this information again next year through the Student Voice survey.

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.

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.



1. Robust Infrastructure & Ecosystem

Future Ready Gear

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

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



AA-1: Continue to provide nation’s first, fastest, highest quality, and most reliable internet access to 100% of Kentucky’s public schools



AA-2: Continue to ensure equity and standardization for delivery of device, network, data and support creating best in class staff and student digital experiences AND provide a system of shared/brokered/managed services maintaining low infrastructure costs and providing support structures promoting the use of personalized learning environments



AA-3: Continue to create a culture of digital connectedness through all- the-time, everywhere, always on digital opportunity and access with emphasis on dense Wi-Fi throughout schools *(also including home access, Wi-Fi buses, school and classroom Wi-Fi, etc.)*



AA-4: Continue to encourage the use of instructional programs and administrative processes requiring cloud-based services



AI-1: Improve ease of access for student and staff through continued progress toward 1:1 student to computer ratio utilizing increased amounts of mobile devices *(fewer traditional computer labs)*

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-2	At the end of the lease period in the Spring semester 2019, replace existing servers and SAN, and core network switch with new, leased equipment.	-CIO -Network Admin -Chosen KETS vendor	Fall FY2020	General Fund	Approx. \$150,000	The following metrics and services will be increased: -available file storage -virtual machine performance -backup availability

						-scalability to add more servers
AA-2	Move all (existing) Central Office network switches into the new Central Office data center during final Innovation Hub construction	-CIO -Network Admin -Maintenance dept.	Fall FY2020	N/A	N/A	LAN connectivity provided to the new central office and maker-space areas.
AA-1/AA-2	Install an appropriate fire control and suppression system in the new Central Office data center.	-CIO -Network Admin -Contractor	Fall FY2020	Construction	TBD (#s to be provided by contractor)	Reduced data loss and reduced system restore times in the event of a fire.
AA-3	Maintain support for existing Wireless Access Points (WAPs) in all existing schools and facilities as financial resources allow.	-CIO	On-going	General fund	\$2,300	Available access point licensing and network management software access maintained.
AA-3	District wide wireless infrastructure upgrade. Replacing wireless controllers and access points as funds allow.	-CIO -Network Admin -KETS vendor partner	Fall FY2020	-General fund -USF/E-rate	Approx. \$166,000	Increased access, improved stability, improved security of our district wireless devices and data.
AA-2	Remove any unnecessary, remaining analog phone lines and unused cell phone lines from operation to maximize cost savings.	-CIO -Network Admin	Summer FY2020	N/A	N/A	Reduced monthly costs on billed services.
AI-1	Purchase a new laptop lab of lower cost, laptop/tablet devices for Morgan Elementary school.	-CIO -School admins	Summer FY2020	-Local school ESS funds	\$7,650	Lowered student-to-computer ratio, lower device costs, ease of device replacement.

AI-1	Purchase new lower cost laptop/tablet devices for the abilities classroom at Paducah Middle.	-CIO -Director of Special Services -Middle school admins	Fall FY2020	-TBD	\$5,400	Lowered student-to-computer ratio, lower device costs, ease of device replacement.
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2. Data Security, Safety & Privacy

Future Ready Gear

KETS GUIDING PRINCIPLE – Security, safety and privacy of student data is a cornerstone of digital learning. Policies and procedures are enacted at the state, district and school levels that work in conjunction for this purpose. Student data are then utilized by data fluent educators for improved decision-making leading to increased learning for students.

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



AA-1: Continue to support districts in securely accessing and managing key student and administrative data sets through improved user experiences, refined data collection processes, continuously updated policies and practices regarding student data security, and timely access to data sets that improve the depth and efficiency of student learning (*Infinite Campus, Early Warning, MUNIS, eTranscripts, School Report Card*)



AA-2: Continue to identify key aspects of data security regularly to build upon the current systems, procedures and policies to remain a leader in mitigating emerging threats (*acceptable use policies, firewall updates, data privacy studies, digital citizenship, content filtering*)



AA-3: Continue to utilize adoption metrics or trending data for planning purposes that allow EdTech leaders to identify what’s working and what’s not working based upon data quality and evaluate current systems and solutions to determine effectiveness and future direction (*annual auditors, TELL survey, Technology Activity Report, Digital Readiness, Data Quality Study, Data Quality Campaign, BrightBytes, SpeakUp*)



AA-4: Continue to migrate key administrative and student data sets to secure cloud-based services that allow anywhere, anytime secure access for the improvement of student learning (*Infinite Campus, Early Warning, School Report Card, MUNIS*)

 **AA-5:** Continue supporting teacher efforts in taking ownership of digital citizenship skills and education their student in the same skills to foster a secure digital learning environment

 **AI-1:** Educate and support districts in the importance of personnel with duties related to student/staff data quality, security and privacy as well as bringing data privacy to the “radar screen” of teachers/staff (*The People Side of EdTech*)

 **AI-2:** Kentucky K-12 Data systems are first-class but we need to do much better with district using the data available to them as well as providing visual data analytic tools allowing the data to be better understood and more interesting to the average person who does not have a technology and data background

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	Purchase the annual renewal of Infinite Campus.	-CIO -Director of Pupil Personnel	Summer FY2020	-General fund	\$17,400	Continued access to secure student data, Parent Portal, and Student Portal.
AA-5	Annual renewal of SafeSchools software licensing for data security and cyber safety training as well as other safety training.	-CIO -Director of Pupil Personnel	Summer FY2020	-General fund	\$3,900	Employee course/assessment reports, reduction in reported malware/phishing attacks.
AA-1	Purchase annual renewal of the MUNIS financial system maintenance.	-CIO -Director of Finance	Summer FY2020	-General fund	\$8,740	Continue, secure access to district financial operations and data.



3. Budget & Resources

Future Ready Gear

KETS GUIDING PRINCIPLE – The Master Plan, as well as district and school technology plans, are aligned to the vision of 21st century skills for students and staff. Revenue streams are aligned to account for the recurring and nonrecurring total cost of ownership to support the 21st century learning environment in a manner that reflects good stewardship of tax dollars to include devices, infrastructure, support, data and human services.

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



AA-1: Continue to maximize local and state education technology expenditures through a system of shared/brokered/managed services



AA-2: Continue use of long-term planning strategies that allow for continuity of initiatives and systems (*ex. Accounting for cost of ownership over the lifespan of equipment so monies are allocated for repairs/upgrades*)



AA-3: Continue to leverage all available state and federal funding opportunities to address required basic cost of living increases, previous budget cuts of basic services, projected growth by districts (*e.g. Internet consumption*) while maximizing education technology programs and initiatives (*Technology Need, E-rate*)



AI-1: Make districts aware of position/roles requiring technology-related duties in support of technology and instruction (*The People side of K-12 EdTech*)



AI-2: Make districts aware of how to reduce expenditures on printing/print services (*both in consolidated contract pricing as well as shifting from paper to digital experiences*)



AI-3: Evaluate the need and explore new contracts that drive costs down for statewide summative online assessment, learning management systems, printing services and interim based assessments



AI-4: See an increased percentage of districts examining which education technology investments are or are not being maximized

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	Periodically analyze current district budgets with an eye towards reallocating some funding from sources other than the technology budget to maximize technology infrastructure and usage district wide.	-Superintendent -CIO -Director of Finance	Ongoing	-USF/E-Rate -KETS -General -Construction -Title V -ESS -Gear-Up grant	Approx. \$587,000	-Lower student to computer ratio -Increased usage of Achieve 3000 at our middle school. Verified by staff and Achieve 3000 reports. -Increased Internet usage monitored via the content filter. -Equipment inventory
AA-2	As part of Comprehensive District Improvement Planning (CDIP), we will continually look for ways to effectively incorporate technology initiatives within the educational improvement goals and activities.	-Superintendent -Director of Instruction -CIO	On-going	TBD	TBD	
AA-3	Maximize funding for technology by fully matching KETS Offers, and applying for USF/E-Rate discounts on network infrastructure.	-CIO	On-going	-KETS -General fund -USF/E-rate		Board approval of district general fund match to KETS offers, funding commitment for E-Rate applications.
AA-2	Replace remaining high school laptop labs with lower cost, laptop/tablet class devices as funds allow to increase access yet lower total cost of ownership.	-CIO -Director of Instruction -School admins	On-going	-KETS -General fund	TBD	Lowered student-to-computer ratio, lower device costs, ease of device replacement.

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AA-2	Replace two aging laptop labs at Paducah Middle with lower cost, laptop/tablet devices as funds allow.	-CIO -Director of Instruction -School admins	Summer FY2020	Title V	\$20,700	Lowered student-to-computer ratio, lower device costs, ease of device replacement.
AA-2	Purchase a new laptop lab of lower cost, laptop/tablet devices for Morgan Elementary school.	-CIO -Director of Instruction -School admins	Summer FY2020	Local School ESS funds	\$7,650	Lowered student-to-computer ratio, lower device costs, ease of device replacement.
AA-2	Replace 30 of the failing and obsolete LCD projectors across the district.	-CIO -School admins	Summer FY2020	-KETS	Approx. \$45,000	Improved visual clarity of digital content.



4. Partnerships

Future Ready Gear

KETS GUIDING PRINCIPLE – Connecting students and educators to the local and global community is a key factor to student success. The Master Plan will continue to provide opportunities for trusted relationships to build those connections as well as increase communication and transparency with shareholders, including families, districts, vendors, regional education collaboratives, postsecondary institutions and business/industry, in support of student learning and preparation beyond K-12.

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

-  **AA-1:** Continue to build trusted relationships with shareholders (families, districts, partners) that will reduce risk as well as increase transparency and communication (*districts, vendors, higher-education, regional cooperatives*)
-  **AA-2:** Continue to utilize avenues of communication with shareholders allowing pertinent information and dialog to further student learning efforts (*Webcasts, BrightBytes, Technology Activity Report, KETS Service Desk, Office of Education Accountability studies, independent studies, etc.*)
-  **AA-3:** Continue to utilize tools engaging postsecondary institutions, community members, districts and families in student learning and life after K-12 (*eTranscripts, School Report Card and Dashboard tool, Infinite Campus parent and student portal, KDE Open House, Digital Readiness Survey*)
-  **AI-1:** Partner with postsecondary pre-service teacher and principal programs to provide support in candidate preparation
-  **AI-2:** Encourage postsecondary institutions to host STLP events and /or more fully maximize the opportunity to showcase the university and its programs while students are on campus
-  **AI-3:** Build relationships with charter schools to determine policies and procedures related to architecture/design, systems security and privacy, services and reporting requirements

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	Fully implement piloted KiNVO program from Kinvoled for improved parent/teacher and principal/parent communications and to reduce chronic absenteeism.	-Superintendent Cabinet	Fall FY2020	-General fund	\$33,750	Messaging reports from, significant reduction in chronic absenteeism via Infinite Campus attendance reports.
AA-2	Continue partnership with CSI Inc. of Paducah to increase enrollment in IT Career Pathway as well as internships with CSI.	-Superintendent Cabinet -School admins	On-going	N/A	N/A	Increase in Information Technology class rosters, increase in number of internships with CSI Inc. of Paducah.
AA-1	Continue partnership with local non-profit Sprocket whose goal is to teach modern, career-readiness skills to children and adults in the community.	-CIO -Superintendent	On-going	N/A	N/A	Increased attendance at the Sprocket makerspace and training center.
AA-1	Continue to purchase support renewal for eSchoolView web hosting services to ensure district web presence and communications are available 24/7.	-CIO -Public Relations Officer	On-going	-General fund	\$3,600	



5. Digital Curriculum, Instruction & Assessment

Future Ready Gear

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

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



AA-1: Continue to provide access to instruction digital content which further aligns to the Kentucky Digital Learning Guidelines



AA-2: Continue providing opportunities for students to demonstrate learning connected to and through technology (*empowering students through technology with STLP, IT Academy, etc.*)



AA-3: Continue to finalize and partner with Career and Technical Education (CTE) to promote Kentucky approved K-12 Computer Science Standards and Technology/Digital Literacy Content Standards (*based on International Society for Technology in Education standards*) for ALL students



AA-4: Continue providing access to online assessment tools that allow teachers and administrators to assess student learning, provide timely feedback to students and make curriculum decisions (*online formative assessment tools, interim based assessments, and summative assessments*)



AA-5: Continue to provide districts/classrooms access to digital instructional materials through an equitable of robust digital experience



AI-1: Identify digital content and tools (curriculum, instruction and assessment) designed to have the highest impact and value (e.g. is the technology making or not making an instructional and learning difference?), including frequency of use by teachers and students



AI-2: Create a closer connection with Career and Technical Education to expand information technology and computer science career pathway offerings specifically related to computer programming/coding and increase exams available through IT Academy



AI-3: Play a vital role in implementation of summative online assessment and school report card and dashboard tool of the new assessment and accountability system

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	Continue to purchase Microsoft 365 A3 licensing to ensure access to a host of district and classroom collaboration tools, digital video repository, and secure email and file storage	-CIO	Annually in July	KETS	Approx. \$15,600	Annual renewal purchase/confirmation. 30%-40% reduction in malware/phishing attacks on end users.
AA-1	High School Advanced Placement teachers will utilize Microsoft Teams Classrooms to facilitate anytime/anywhere access to curriculum.	-High school AP faculty	On-going	KETS	TBD (x% of \$15.6K annual renewal cost)	
AA-4	Continue to purchase annual licensing renewal for Renaissance Learning system to maintain online assessment and intervention tools.	-Director of Instruction -School admins	On-going	-General fund -Title I -Title II	Approx. \$60,000	Continued, on-going progress tracking/monitoring of students can and will be performed within the assessment system (Renaissance Place) using various tools. (STAR Math, STAR Reader, STAR Early Literacy, etc.)
AA-4	Continue to maintain annual licensing renewals for both Apex Learning and Odysseyware online courseware to provide digital content for both performance based instruction as well as credit recovery.	-Director of Instruction	On-going	-General fund -Title I		Class/Courseware enrollment rosters, student grade/completion reports.

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AA-4	Continue to maintain annual licensing renewals for IXL Learning and Achieve 3000 online/digital content systems for reading and math.	-High school admins -Middle school admins	On-going	-Local school funds -General fund		Class/Courseware enrollment rosters, student grade/completion reports.
AA-5	Purchase and setup approximately 20 new Android tablets for Project Lead the Way (PLTW) at Paducah Middle.	-CIO -PLTW faculty -Middle school admins	Summer FY2020	-GEAR-UP grant	TBD	Replacement of older, failing Android tablets, student class enrollment, student grade reporting.
AA-5	Purchase and setup new iPad tablets for PLTW "Launch" program at the elementary schools.	-CIO -PLTW faculty -elementary school admins	Summer FY2020	-GEAR-UP grant	TBD	Replacement of older, failing iPad tablets, student grade reporting.
AA-5	Purchase 16 new Surface Go tablet computers to complete classroom set at Paducah Middle.	-CIO -Director of Instruction -Middle school admins	Summer FY2020	-KETS -TBD	\$7,200	Provide full class access to devices in the "Innovation" project-based learning classroom.
AA-4	Purchase renewal of Gradecam for common assessments at the middle and high school.	-Director of Instruction	Summer FY2020		\$4,400	Student and teacher use, usage reports, assessments entered into Infinite Campus.
AA-3	Continue to incorporate the goals and academic expectations of the Technology components of the KAS into the district's curriculum.	-Director of Instruction -CIO -Faculty -School admins	On-going	N/A	N/A	Student pass/fail reports.
AA-3	Utilize the Digital Driver's	-CIO	Fall FY2020	N/A	N/A	Student course pass/fail reports.

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	License model for teaching digital literacy at Paducah Middle.	-Middle school technology teacher				
AA-2	Provide financial and technical support to the district's STLP programs.	-CIO -School admins -Faculty	On-going	-General fund	\$3,750	Student participation reports.



6. 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)
AA-1	Implement an online PLC team in Microsoft Teams for teachers and administrators to collaborate on and store curriculum maps and documents.	-Elementary faculty -Middle school faculty -High school faculty -Director of Instruction -CIO	FY 2020	N/A	N/A	Repository of curriculum maps and documents will be established and monitored by the Director of Instruction.
AA-1	Assist all school administrators in meeting the ISTE Standards	-Director of Instruction	On-going	N/A	N/A	Employee evaluations

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	for Administrators	-Superintendent -CIO				
AA-1	Assist all school faculty in meeting the ISTE Standards for Teachers	-Director of Instruction -School admins -CIO	On-going	N/A	N/A	Employee evaluations
AI-1	Continue to provide financial and technical support for the Technology Resource Teacher (TRT) program.	-CIO -School admins	On-going	-General fund	\$4,200	Principal observations, technology work order reduction.



7. 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)
AA-1	Utilize Microsoft Teams as an LMS for “flipped” Advanced Placement (AP) courses at the high school.	-CIO -High school admins -Director of Instruction -AP teachers	On-going	-KETS -local school funds	TBD (x% of \$15.6K annual renewal cost)	Class rosters, login/access reports, student grade reporting, student surveys
AI-1	New maker spaces under construction for new Innovation Hub	-CIO -School admins	FY 2021	-Construction -General fund -WorkReady Grant		Elementary school field trips, room/equipment sign-up sheets/reservations.
AA-1	Continue using online	-CIO	On-going	-General fund	Approx.	Class rosters, login/access reports,

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	courseware: (Apex, Odysseyware, Racer Academy, Pearson MyMath Lab)	-High school admins -Director of Instruction -AP teachers		-Title I	\$50,000	student grades, student surveys
AA-1	Piloting Microsoft Teams as new LMS for middle school.	-CIO -Middle School admins -Director of Instruction -Faculty	FY 2020	-General fund -KETS	TBD (x% of \$15.6K annual renewal cost)	Class rosters, login/access reports, student grades, student surveys
AA-1	Continue after-school programs such as ESS and Lego Robotics, STLP, writing club, "Innovation Class," and "Kids" clubs to provide digital learning environments to further instruction beyond the typical school day.	-Family Resource Centers -Faculty -School admins	On-going	-local school funds -Title I	TBD	After-school student sign-in sheets. Club sign-up sheets.