

Harrison County Technology Plan
Cynthiana, Kentucky



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Executive Summary

Harrison County believes technology is an effective instructional and communication tool and that it plays a vital role in the engagement and achievement of students. Therefore, we strive to enable our teachers to integrate its use across all grade levels/subjects by providing on-going professional development opportunities throughout the year. We feel that upgrades and replacement of equipment and software are essential for technology to operate efficiently, and we work to make each user's experience successful. Students and teachers must have access to new/emerging technologies and must continually learn in order to utilize these technologies as valuable educational tools and a means to achieve high student performance levels. These goals and activities support the vision and mission of the Harrison County School District.

Our Vision and Mission

Harrison County School District: A Model of Opportunity

It is our mission to achieve this vision by providing the following:

1. The Harrison County School district creates community ownership in the education of all students.
2. The Harrison County School district creates a student-focused education.
3. The Harrison County School district maintains communication with students, parents and community members.
4. The Harrison County School district creates an innovative learning environment for all students.
5. The Harrison County School district prepares students to compete in a global society.

Planning Process / Methodology

Development

Harrison County's Chief Information Officer communicates with each committee member at various times through out the year. This communication involves discussions pertaining to technology needs, goals, objectives, causes and contributing factors. Each member brings to the table ideas/suggestions from their respective buildings. The CIO then compiles these to create the Harrison County Technology Plan, which also serves as part of the Comprehensive District Improvement Plan. These goals/strategies contained in this document help to guide us in our technology purchases/upgrades. We view this as a "living" document, so that we can update/change strategies as technology advances and/or technology skills/integration practices improve.

Implementation

Each member plays a vital role in the implementation process of the plan. The members communicate the elements with others in their buildings and work toward each utilizing the resources available to them. In a difficult economic climate, proper budgets and staffing will ultimately play a large role in the level of implementation. Harrison County is dedicated to the initiatives set forth in the plan and will work to ensure technology continues to progress in our schools.

Evaluation

The goals are evaluated at each building level, as well as from a district standpoint through out the year by various means. As stated above, each member brings ideas/suggestions pertaining to each goal to the table during scheduled meeting times. Elements will be modified as needed and evaluation will continue. A section of this plan is dedicated to the evaluation process. We hope that these measures will help us to ensure we are in line with technology needs across our district.

Technology Vision and Goals

Goal 1

Teachers and students will have access to 21st Century technology tools and/or applications that will allow for better integration into classroom activities

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Continue to purchase and implement new innovative technology equipment (i.e. iPads, mobile carts, interactive pens/boards, document cameras, chromebooks, 3D computers & printers, etc.)	Student engagement and performance levels will improve.	Lesson Plans Observation Student Projects	17-18	CIO/DTC Technology Resource Specialists Library Media Specialists Principals Teachers	Local KETS Title
Teachers will integrate and embed technology tools that will allow differentiated learning and collaboration.	Improve teaching with technologies for increased engagement of student learning and students with special needs.	Lesson Plans Observation Student Projects Achievement Gap Analysis	17-18	CIO/DTC Technology Resource Specialists Library Media Specialists Principals Teachers Director of Special Ed.	Local IDEA KETS Title
Promote/Implement interactive classroom equipment/strategies (zSpace 3D Computers, iPads, MakerSpaces, Chromebooks, interactive pens/boards, etc.)	Interactive classroom equipment and strategies will lead to greater student engagement and performance.	Observation Lesson Plans Student Participation Student projects Student engagement	17-18	CIO/DTC Technology Resource Specialists Library Media Specialists District Technician Principals Teachers	KETS Local Idea Title
Continue BYOD (Bring Your Own Device) for teachers and students	BYOD coupled with wireless guest access allows for a lower device to student ratio and allow for mobile learning (any where/any time learning).	Home Access Surveys Observations Lesson Plans Device Usage	17-18	CIO/DTC Technology Resource Specialists Library Media Specialists District Technician Principals Teachers	
Continue to implement 1 to 1 Chromebook classrooms	Daily online classroom activities and assignments	Observations Lesson Plans	17-18	CIO/DTC Technology Resource	

	provide for instant feedback, collaboration, differentiation, access to various resources and much more. The learning process is enhanced and student engagement increases when all students are provided devices within a classroom setting.	Device Usage Student Performance		Specialists Library Media Specialists District Technician Principals	
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Goal 2

Equipment/Infrastructure will be upgraded across the district to keep current with present/future demands.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Continue to purchase, replace, or upgrade equipment for classroom/lab use (i.e. replacement of outdated student devices, replacement of outdated teacher workstations, upgrade systems/memory on workstations to meet requirements for various programs and purchase of multimedia equipment such as projectors, document cameras, interactive boards/pens, etc).	These actions would result in a lowered frustration level for students and teachers, a lowered student to computer ratio, an increase in access as devices are placed in classrooms or on mobile carts for student use and an increased use of multimedia equipment in the classrooms for instructional purposes.	Inventory Records Technology Readiness Survey Maintenance Records/ Costs Replacement Requests	17-18	CIO/DTC Technology Resource Specialists Library Media Specialists District Technician	KETS IDEA Local
Provide/maintain fiber connectivity to each school	This faster, more robust connectivity reduces teacher/student frustrations due to network traffic jams. It allows students/teachers to use the network for instructional purposes more efficiently and will provide for state initiated projects/programs (SIS, ILP, On-line testing, CIITS, GradeCam, video conferencing/ streaming, Office365, etc.)	Access logs Network usage Observation	17-18	CIO/DTC District Technician Director of Facilities	Local Erate (Pending)

Upgrade/maintain schools' (LANs) and district (WAN) network infrastructures to meet advancements in technology needs and modernization (i.e. replace existing servers, switches, access points, wiring, cables, etc as needed).	Results in decreased teacher/student frustration levels, increased connectivity speed and reliability, increased access by teachers and students, and an increased data transfer rate. Enables teachers and students to take full advantage of the uses of streaming video, Student Information System web modules, E-mail, on-line tests, MAP, CIITS, G Suite, GradeCam, collaboration tools and various other on-line resources.	Access logs Network usage Observation Maintenance Records/ Costs	17-18	CIO/DTC District Technician Director of Facilities	Local KETS Erate (Pending)
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Goal 3

Continue to address the essential need for awareness and integration of digital citizenship and Internet safety for all staff and students in alignment with federal/state requirements and ERATE.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Continue to require digital citizenship lessons and activities across K-12 per each school's Digital Citizenship and Internet Safety plan/policy (i.e. Common Sense Media, 9 elements of digital citizenship, Netsmartz, etc.)	Through these lessons students and staff will improve awareness of digital citizenship practices, methods to stay safe on the internet and how to conduct appropriate interactions with others through social media sites.	Observation Student use of internet Cyberbullying reports	17-18	CIO/DTC Library Media Specialists Technology Resource Specialists Teachers Principals	KETS Local
Continue October Digital Citizenship Month. Implement events and activities that include parents as well as students.	Providing digital citizenship activities that engage parents and students will help to promote responsible use, methods to stay safe on the internet, appropriate interactions with others and help parents realize the importance of monitoring what takes place on the internet.	Observation Student use of Internet Discipline records as related to Internet use Participation in events	17-18	CIO/DTC Library Media Specialists Technology Resource Specialists Teachers Principals	Local
Review Acceptable Use Policy guidelines with users.	Acceptable use of educational electronic resources	Signed AUPs Monitoring of Internet and Email uses	17-18	CIO/DTC Technology Resource Specialists	

				Library Media Specialists	
				Principals	

Goal 4

Teachers, students and administrators to strengthen connections between home, school and other educational resources will utilize Internet access and communication strategies through technology.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Continue to provide/upgrade phone/fax service/equipment, long distance service and cellular (w/data where needed) service through out the district.	Phone/fax service, long distance service and cellular service across our district provides a valuable means of communication between our administrators, teachers, parents, and other community members. These services and upgraded systems allow students and teachers to reach beyond the regular classroom walls and our community to communicate with other parties during the instructional process. These services also provide a school safety measure by giving teachers and administrators a line of communication when a crisis occurs.	Phone/Fax billing Safety Occurrences Cellular Data billing/records	17-18	CIO/DTC Public Relations Director Director of Facilities Principals	Local Erate (pending)
Promote/Strengthen communications between home and school through district resources (i.e. district website, school websites, e-mail, channel 6 programming, Google Sites, Student Information System and fax/phone systems).	Strengthened communications between home and school will result in decreased parent/student frustration, increased student achievement, increased student attendance and an increase in community awareness of projects/programs.	Observation Student, Teacher, Community and/or Administrator Feedback Web Site Stats Parent Portal Stats	17-18	CIO/DTC Public Relations Director Technology Resource Specialists Library Media Specialists Principals Teachers WHHS Director	Local Erate (pending)

Continue to create/utilize a Harrison County School presence via social media resources to communicate school happenings/notifications with parents, students and community members. (Facebook, Twitter)	Use of real world applications to reach stakeholders – They are using them, so we must deliver information via the tools they are using.	Student, Teacher, Community and/or Administrator Feedback Stats (# of Fans/ Followers)	17-18	CIO/DTC	
Continue to utilize an automated calling system for rapid parent, student and/or teacher notifications.	Mass calls/texts will keep stakeholders alert to happenings in our schools. Attendance will improve due to calls being generated for students who have been absent.	Student, Teacher, Community and/or Administrator Feedback Campaign Logs IC logs	17-18	CIO/DTC Attendance Clerks	Local
Provide Student Management System (include Parent Portal and Student Portal)	Student progress and attendance can be monitored. Interventions can be planned as needed.	IC logs	17-18	CIO/DTC Teachers Administrators	Local

Student Technology Literacy Skills

Link to the Kentucky Core Academic Standards:

<http://education.ky.gov/curriculum/standards/kyacadstand/Pages/contentareasstandards.aspx>

Goal 1

Student achievement, including technology literacy, of all students will improve through the use of technology.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Time line	Person(s) Responsible	Funding Source
Evaluate students to determine level of proficiency in technology literacy	Increased awareness of what tech literacy involves and better teaching methods to help students reach proficiency in the use of technology	Teacher and Student feedback Classroom Performance and projects Observation	17-18	CIO/DTC Technology Resource Specialists Library Media Specialists Teachers	KETS Local
Provide access/lessons for students that implement 21 st century technology tools and applications and are in alignment with technology standards and core content/new standards	Access/use of these innovative tools will lead to a higher performance level in both academic achievement and technology literacy.	Tech Skills/Use State testing results	17-18	CIO/DTC Technology Resource Specialists Teachers	Local KETS Title IDEA

				Library Media Specialists Principals	
Utilize school-based programs such as Reading Counts, MAP, Study Island, Plato, GradeCam, etc. to enhance/assess instruction and/or student academic skills through technology.	Assessment/refinement of skills through out school year.	Program records/ results	17-18	CIO/DTC Technology Resource Specialists Teachers Library Media Specialists Principals Curriculum Supervisors/ Coaches	Local Title
Continue to revamp/strengthen technology curriculum in each building	Designing computer lessons around technology standards, which engage students in 21st century tech activities, will lead to technology proficiency.	Student and Teacher feedback Student projects Lesson Plans	17-18	CIO/DTC Library Media Specialists Technology Resource Specialists Teachers Curriculum Supervisors/ Coaches Principals	

Integration of Technology into Curricula and Instruction

Goal 1

Teachers will use technology as an instructional/communication tool and will integrate its use across subject areas as a means to engage students and increase student performance levels.

Action Plan: Projects/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Use of multimedia software and tools (i.e. Apps, MyVRSpot, Wordle, Glogster, Animoto, iMovie, Garageband, zSpace 3D computers/programs etc.)	Student engagement and performance increases	Observation Lesson Plans Student Participation End products	17-18	CIO/DTC Technology Resource Specialists Library Media Specialists Teachers Principals Curriculum Supervisor/Coaches	Local Title

Implementation of RooClick Interactive Video	This resource will allow teachers to create interactive videos that contain embedded quizzes, assignments, external links to resources, discussion questions and more. These will increase student engagement and understanding of content presented in video format.	PD Attendance Lesson Plans Student Performance Usage Reports	17-18	CIO/DTC Technology Resource Specialists Library Media Specialists Teachers Principals Curriculum Supervisors/ Coaches	Local
Continue to promote/implement online presence of classrooms (MyVRSpot, Google Sites, Google Classroom, etc.)	Teachers across all grades and content areas will have the opportunity for an on-line learning environment	PD Attendance Teacher and Student Feedback Usage Logs	17-18	CIO/DTC District Technician Technology Resource Specialists Library Media Specialists Lead Teachers Principals Curriculum Supervisor/ Coaches	Local
Provide students with greater digital learning opportunities via online classrooms, video streaming of lessons, distance learning, electronic documents, etc.	These opportunities will give students greater access to learning opportunities. Digital learning will help us reach students beyond the 4 walls of the classroom. This will help lead us to anytime/anywhere learning.	Lesson Plans Observation Participation by teachers and students Access/usage of resource	17-18	CIO/DTC District Technician Technology Resource Specialists Library Media Specialists Teachers Principals Curriculum Supervisor/ Coaches	Local
Implement MakerSpaces that incorporate various tech gadgets (Ozobots, 3D pens, programmable cubes, etc.)	These spaces/projects will give students the opportunity to create, explore and problem solve while utilizing various tech gadgets/materials and skills. This will increase student engagement and increase problem solving capabilities.	Student Participation End Products Quantity of Used Supplies	17-18	CIO/DTC District Technician Technology Resource Specialists Library Media Specialists	

Goal 2

Teachers will become proficient in the use of technology tools to enhance instruction, engage students and provide real-world opportunities/learning.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Use of online resources to provide instruction and activities (MyVRSpot, Google Classroom, RooClick etc.)	Use of these will engage students and provide another avenue for them to receive instruction anytime/anywhere.	Program use records Observation Lesson Plans Participation	17-18	CIO/DTC Technology Resource Specialists Library Media Specialists Lead Teachers Principals Curriculum Supervisor/ Coaches	Local
Encourage use of tech resources for more than delivery of content. Provide opportunity for teachers to observe true integration of various tech resources/tools.	Teachers will use tech resources for more than a delivery method. Technology integration into classroom instruction/activities will become true integration. Students will have opportunities to choose tech resources to use when completing projects and will have hands on use of those chosen tech tools/resources.	Lesson plans Observation Participation Student Projects	17-18	CIO/DTC Technology Resource Specialists Library Media Specialists Principals Curriculum Supervisor/ Coaches	
Participation in collaboration opportunities (Office 365, G Suite, Skype, etc.)	Use of collaborative strategies/lessons will lead to real world opportunities for our students.	Lesson plans Observation Participation	17-18	CIO/DTC Technology Resource Specialists Library Media Specialist Principals Curriculum Supervisor/ Coaches	

Staff Training/ Professional Development Goals

Goal 1

Teachers will be offered technology professional development opportunities throughout the year.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Seek/Offer professional development opportunities for teachers on the effective use of technology in the classroom setting to promote integration through tech-based projects, on line research/activities, student e-mail, and various hardware/software (i.e. iPad Apps, G Suite, multimedia tools, etc).	Outcomes of providing technology professional development include more effective use of technology in the classrooms and labs, enhancement of teacher/student technology skill levels, greater awareness/use of new technologies, and an increase in technology related activities integrated across the curriculum. These outcomes will result in positive student engagement, student awareness of technologies in the schools and higher levels of student performance.	Observation Lesson Plans PD Logs/ Requests Student Projects Growth Plans PD Attendance	17-18	CIO/DTC Technology Resource Specialist Library Media Specialist Principals Curriculum Supervisor/ Coaches	Local PD
Develop/Provide in-district PD sessions to demonstrate/model the use of technology tools and methods. Promote the use of on-line training resources/videos for teachers to access at their convenience and/or when they are seeking guidance/support for technology integration practices/concepts and or "how to" sessions.	Providing in district professional development services will supply another avenue of support/training in effective technology integration practices/strategies for our teachers.	Observation Lesson Plans PD Logs/ Requests Student Projects Growth Plans	17-18	CIO/DTC Technology Resource Specialist Library Media Specialist Network Technician	Local
Research/implement various on-line resources/software products that embed staff PD, promote technology integration, and/or utilize/address technology standards set forth by the	These programs will reinforce the technology standards for teachers and students. Teachers' use of technology will increase which will provide for greater integration opportunities/	PD Requests PD logs Growth Plans	17-18	CIO/DTC Principals Curriculum Supervisors/ Coaches Technology Resource	Local Title PD

International Society for Technology in Education and the Kentucky Department of Education (i.e. PBS, Brainpop, TICK – Technology In Classrooms of Kentucky, Simple K12, Murray State KATE – KY Academy of Technology Education)	willingness and improved skill levels by teachers and students			Specialists	
Teachers will attend technology conferences as they are determined to benefit classroom instruction/technology integration (i.e. KY Society for Technology in Education Conference - KYSTE, Innovations for Learning Conference - IFL, etc.)	Teachers will learn various methods for the integration of technology into the classroom. They will share their knowledge with other teachers in our district. Teachers' skills will develop and students will become more engaged as teachers begin to implement more technology into their lessons.	PD Requests PD Logs Observation Student work	17-18	CIO/DTC Principals Curriculum Supervisors/Coaches Technology Resource Specialists	Local PD KETS

Current Technology and Resources (See Technology Readiness Survey for stats.)

-Harrison County maintains/manages approximately 2300 workstations/devices (Macintosh Computers, Windows Computers, Chromebooks and iPads), 10+ servers and a fibered network across ten buildings.

-As of February 2017, Harrison County is at a 1.6 student/device ratio.

-All classrooms have a teacher workstation, a phone and access to student devices.

-Each building is utilizing Chromebooks for student instruction. Each elementary has two carts of Chromebooks (30 for 4th grade and 30 for 5th grade). Harrison County Middle School has 5 classrooms that are 1 to 1 with Chromebooks and Harrison County High has 3 classrooms that are 1 to 1 with Chromebooks.

-Several teachers have implemented the use of Google Classroom as their Learning Management System.

-Each building is utilizing iPads for student instruction. Each elementary and high school classroom has been assigned at least one iPad. All special education teachers utilize iPads for instruction. The high school has 3 carts of 30 ipads for student use. The middle school has a cart of 25 ipads for student use. Each elementary has a cart of 24 ipads for student use.

-Each elementary has one student computer lab, the middle school has three student computer labs and a multimedia center in the library and our high school has five student computer labs.

-Harrison County Middle School and High School both have a 15-laptop mobile wireless cart.

-Each elementary classroom is equipped with a student laptop providing for mobility through out the building.

- Classrooms across the district have access to 21st century tools (smartboards, wireless slates, projectors, interactive pens, etc.)
- Several projectors have been mounted in our high school and various locations in other buildings.
- Several flat panel televisions have been installed/mounted in classrooms. These are used in place of a projector for presentation needs
- All teachers have access to CIITS and GradeCam.
- We have started the implementation of interactive classrooms via the use of interactive pens/boards, iPads and Apple TV and/or airplay.
- Each school maintains a policy allowing students to BYOD (Bring Your Own Device) to use for instructional purposes.
- Each school has a web site used to display information about the building, school activities, classrooms, etc.
- Our district maintains a web site where users will find information such as upcoming events, recent headlines, job postings, lunch menus, teacher web sites, classroom features, district snapshots, board policies, district forms, curriculum maps, alumni spotlights and much more.
- The Harrison County Board of Education conducts paperless on-line board meetings via KSBA's electronic meeting tools.
- Several Teachers maintain individual classroom sites on our web site.
- Our libraries utilize the Destiny automated system.
- All cafeterias utilize Data Futures' Lunch Box computerized program.
- All schools utilize the KY Student Information System (Infinite Campus).
- Parents have access to student information (grades, attendance, etc.) via Infinite Campus Parent Portal. Student Portal is open for student use in all buildings.
- All bookkeepers utilize a computerized accounting system.
- Harrison County maintains its own TV studio where students create/broadcast productions via our local cable station.
- Each school is equipped with laser printers. We also utilize copiers with network printing capabilities.
- Wireless access has been implemented across the district. This includes guest access for BYOD.
- Schools utilize programs such as Accelerated Reader, Reading Counts, MAP, Plato, Study Island, Microsoft Office, etc. in support of their instruction and testing process.
- Harrison County has a full-time CIO/DTC, a full-time Information Systems Tech and a part-time technician. We also have a TRS (Technology Resource Specialist) and LMS (Library Media Specialist) in each building serving as technology resources for our teachers and students.
- Harrison County maintains a technology training lab where teachers receive technology PD conducted by the CIO.
- All faculty/staff have access to internet/email.
- Students with parental permission and a signed Acceptable Use Policy have access to internet/email.
- All schools maintain a state recognized Student Technology Leadership Program. All schools participate in the STLP state competition events.
- Harrison County High School offers PLTW (Project Lead the Way) pre-engineering courses.
- Harrison County Middle School offers an introductory course to engineering (PLTW).
- Harrison County utilizes an automated calling system to notify stakeholders through mass calls/texts.

-Several schools have implemented robotics into their curriculum.

-We feel that Harrison County has made great progress over the past few years in its technology program. We have been able to implement many new/updated resources and have been able to provide some new, emerging technologies. Teachers are using the technology and are moving toward true integration into their classrooms. As they are becoming more comfortable in its use, we see students using technology more in their assignments.

-Through the years Harrison County has been very innovative in its technology strategies. Each year proves to be more and more challenging due to funding. New/additional and aging technologies place more demand on our current technology staff, so it is vital that we maintain current positions and possibly expand those in the future. Another drawback is the fact that maintenance/licensing and administrative software costs consume a lot of our KETS budget. Therefore, we are always looking for ways to save money, whether it is freeware software or repairing what we would normally outsource ourselves. Technology is always changing, and we must continue to move forward. We feel Harrison County strives to make sure our limited resources work in favor of our students...providing the tools and creating opportunities to achieve proficiency.

Evaluation

Technology Vision and Goals Evaluation Narrative

Infrastructure is vital to the use of technology by our teachers and students. It needs to be stable and working so that our teachers and students are able to access the valuable educational resources the network/Internet offers. Computer/technology tool access in all buildings will be evaluated. We will continue to work toward improving the student to computing device ratio in all buildings, availability to multimedia tools such as projectors, doc cameras, interactive pens/boards for teachers/students, access to 21st century tools such as iPads, tablets, Chromebooks, etc., and implementation of anywhere/anytime access for all (wireless access). Processes/strategies incorporating these tools into communications efforts will be monitored. Communication between home and school is essential and these resources/tools can provide a valuable means of ensuring various methods of two-way communication opportunities are available to all teachers. Due to the concentration on the infrastructure, purchase of new equipment and replacement of outdated equipment, it is important to note that budget will dictate how well we are able to meet these goals.

Student Technology Literacy Skills Evaluation Narrative

Evaluate student performance to determine level of proficiency in technology literacy through classroom performance and/or technology assessments. Continuation of Digital Citizenship activities will bring Cyberbullying awareness to our students, which should decrease the number of offenses we have seen in previous years. Revamping technology curriculum will allow us to focus on areas that need to be strengthened. Activities/projects will be adjusted as needed to meet the needs of our students.

Integration of Technology into Curricula and Instruction Evaluation Narrative

Evaluate level of student use of technology in the classroom. Is the technology use solely teacher directed/used and only as a means for delivery or is student technology use more evident? Student products will reflect use of technology. Student engagement will increase and they will become able to choose/apply appropriate technologies to utilize for various tasks. Teachers will be provided a means for an on-line classroom presence via various resources such as Google Classroom. They will also have the ability to post/stream classroom activities via MyVRSpot and create interactive video through RooClick. Use of this will allow students the ability to view lessons that they may have missed or to review a lesson. Use of these for classroom instruction will be evaluated.

Staff Training/Professional Development Evaluation Narrative

Professional Development will lead to improved teacher tech skills and integration strategies/methods. Informal walk throughs will reflect teacher/student use of technology in classroom activities. PD will also increase teacher knowledge and use of tech tools for classroom instruction and student activities rather than for presentation/delivery. PD attendance will be monitored. Surveys will be conducted so that we are able to offer PD according to teacher needs.

Budget Summary

Listed funding sources will provide us the means to purchase needed updates to our current infrastructure, as well as replace outdated student/staff computers.

These funding sources will also enable us to ensure that teachers have basic 21st century tools placed in their classrooms. Teachers will utilize these tools to deliver content-rich/interactive lessons. Students will also use them to share completed projects, make presentations and more. Additionally, these funds will allow us to place other innovative 21st century technology tools in the hands of our teachers/students. These tools will include mobile tech devices such as iPads and Chromebooks.

Through the help of ERATE, along with local funding sources, we will be able to provide much needed telecommunications services to our students and staff. We will also be able to provide a faster network connectivity speed and wireless access for our users.

Finally, these funding sources will support much needed technology training for our teachers who will be able to develop the necessary skills to integrate technology across core content while providing meaningful, real life opportunities/learning for our students.

Total funding varies each year. Therefore the actual funding amounts will dictate how well we are able to meet the needed purchases each year.

School Year: 2015-2017

Budget Summary (FUNDING SOURCES)

Acquired Technologies and Professional Development	E-Rate (Pending)	KETS	Other (Specify)
Professional Development			GF, PD
Workstations/servers		X	GF, IDEA
Telecommunications (Fiber, Phones, etc.)	X		GF
Miscellaneous Software/Equipment			GF, IDEA, Title
Licensing/Maintenance		X	GF
Infrastructure upgrades/maintenance (switches, wireless access, etc.)	X	X	GF
Student Data Management		X	GF, IDEA
Technology Support Salaries		X	GF
21 st Century Tools/applications		X	GF

Attachments/Appendices

Harrison County's Technology Readiness Survey

Submitted to KDE in December 2014. It is used to help KY measure levels of technology access and needs in school districts. It provides a comparison of districts across the state and will give you an overview of Harrison County's technology resources including at home access for students and teachers, workstation stats, operating system information, and more.

To view Harrison County's information or to compare Harrison County's technology data with other districts visit:

http://applications.education.ky.gov/trs_reports/