# Technology Plan
# Pendleton County School District
# Butler/Falmouth, Kentucky



KENTUCKY DEPARTMENT OF EDUCATION

http://www.education.ky.gov

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www.pendleton.kyschools.us

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# Executive Summary

In order to meet the mission of the Pendleton County School District, we have outlined our goals, vision, needs, priorities and the solutions we are working toward achieving in this plan. Technology is constantly evolving and changing the way we learn.  We expect our students and faculty to use technology to access information, to communicate with other citizens, wherever they may be, to collaborate with others both within the school environment and within the global environment, and to construct knowledge derived from these activities.

Student learning is at the heart of all we do in the Pendleton School District. It is our belief that student learning is improved with the use of computer technologies, including online tools and the use of collaborative, on-demand learning. This plan begins with a vision for student learning, a statement of beliefs, and a rationale for creating and continuing to build networked learning environments. It continues with Technology Learning Standards for all students and high expectations for schools. We will continue our focus on Digital Citizenship at all grade levels, safety of the technology infrastructure and tools and access to technology.  We will focus on developing technology literate teachers who will use a variety of strategies to enhance daily instruction. By infusing the daily curriculum with technology, all students should have the opportunity to develop technology skills that support learning, personal productivity, decision making, and daily life.

Professional development strategies and philosophy are described in support of the standards. Teachers are expected to become effective users of technology in order to provide a learning environment that is innovative, creative and user friendly. Each school will require training and tracking of the use of technology literacy in the classroom of its teachers. Teachers should function as coaches, mentors, information managers, and, in general, as facilitators of knowledge. Teachers should have the knowledge and skill to integrate these technologies in a manner that will address students' specific needs and learning styles. Since the evolution of technology, there has been a paradigm shift that learning is anytime, anywhere.  Networking and learning is ongoing and doesn't stop at the end of the school day.  Our focus is to support this shift and help teachers use the resources they have to be 21st Century Learners along with the students. This focus on the six key elements of 21st Century Learning Skills for students and teachers will be the core of this plan and implementation of hardware and software into the schools.  It will be the guide for the delivery of professional development and implementation of strategies in the classroom.  We are hoping to receive ERate funding to build out our wireless infrastructure and allow more curriculum initiative involving BYOD for students and staff.  We will be implementing this gradually to measure the effects on the network and current AP's.  The district has implemented MAP, Odyssey, ILP, online testing and other networked/web resources to promote student literacy and development.  Because of this strong shift in technology based resources, all students will be required to undergo Digital Citizenship Training. Students in grades 6-12 will be required to obtain a Digital Driver's License before they will be permitted to use any web resources.  Office 365 has also been deployed for all students as part of a state wide initiative.

The district website will continue to align the district initiatives and provide resources for parents, students and faculty.  All teachers have been trained on the site to promote maximum value of the site.  All communications with parents and students will be supported on the website as well as other means of communication.  The district has embraced online programs for certified such as Program Review, CIITS, PD360 and PGES.  Office 365 and Skype have been successfully implemented and will continue to be utilized to maximize instruction and communication.  We rolled out OneDrive for Business for added collaboration and storage.  A district wide technology PD day is being planned before the start of school to support and train staff on technology resources available in the district.

Ensuring student standards provides a framework for preparing students to be lifelong learners who make informed decisions about the role of technology in their lives. Students and staff work within a networked environment in which all classrooms and work areas are equipped with networked computers and telephones with voice mail. All computers are equipped with a suite of applications used by all members of the learning community. We also have an iPad initiative throughout the district to support student learning.  These plans, along with the BYOD will allow more access to students and provide for more student engagement.  Currently, every elementary classroom has up to four computers and two labs.  The high school and middle school has chosen to keep the lab settings for their students.  At the high school, each department has their own lab (5 fixed and 2 mobile) and there are currently 2 fixed labs and 1 mobile lab at the middle school.  All schools have iPads available to teachers and students. We will be adding wiring in the ceiling of every classroom for the 15-16 school year, along with wireless access points.

All staff and students above second grade are able to have network and email accounts so they may collaborate and seek information. This plan includes instructional learning goals, professional development goals, current technology and resources, and network and telecommunications planning to support the learning goals.  To achieve these goals, it is our mission to provide a seamless mode of delivery for instruction through our website and online classes, upgrade the infrastructure of the network in all entities, increase skills in communication, video, and citizenship, begin a refresh of all

student computers, provide interactive classrooms at all levels, and build a wireless mesh for all entities. This is an exciting time for Pendleton County Schools!

**NES:**

Northern Elementary is committed to providing technology instruction in order to produce 21st Century Learners in our digital society.  We believe technology should be embedded into day to day activities, centers, and whole group instruction in order to provide engaging purposeful instruction.  This year we continue to implement programs such as MAP and COMPASS to increase student achievement in the core areas.  In addition we will be implementing Pearson Reading Street Online Reading Series, enVisions Math, Lexia, Reading Plus and Frontrow.  Teachers will also be able to incorporate these programs during the Enrichments time each day in addition to the classroom.

Teachers will integrate devices such as interactive boards, iPods, iPads, and digital response systems to make learning more interactive and engaging. Teachers will use technology to assess and differentiate instruction as well as guide students to become responsible digital citizens.

 Northern Elementary also plans to inform parents and the community about our technology initiatives, instruction and curriculum to create 21st Century Learners through informational nights, newsletters, blog, email, and Remind 101.


**SES:**

Southern Elementary is committed to providing technology education to our school population that will equip them for the future. Our belief is that our program should be progressive since technology is continually changing.  Technology will be incorporated across the curriculum to support and enhance learning.  We are committed to using technology to teach and allow students to demonstrate learning of Common Core standards, not as a separate thing. Through an integrated approach, students will learn to effectively use technology as a tool for problem solving, creativity, communication and productivity in order to become successful members of a 21st Century society who are able to meet the changing demands of life and the workplace. Teachers will use technology to assess and differentiate instruction as well as guide students to become responsible digital citizens.


**SMS:**

Phillip Sharp Middle School's technology plan focuses on four main points:  Teacher Use of Technology, Student Use of Technology, Focus, and Standardization.  Teachers will be encouraged to use technology to present and assess instruction.  Student use of technology will include presentation skills, computer application skills, and interactive assessment.  To achieve these goals, Sharp Middle School will begin using various forms of technology throughout the building including classroom sets of iPads and Surfaces for implementation of the "Bring Your Own Device" program.  Sharp Middle School strives to improve literacy skills and to make sure all students are successful.  For the "2015-2016" school year there will be a strong focus on several new programs to document student growth such as MAP, Reading Plus, and Mobi Max.  These programs target key areas in which students need extra assistance so that we can be sure each individual student is targeted and given the tool necessary to succeed.


**PHS:**

The technology committee of Pendleton County High School has met to identify student and staff technology needs in our school.  As a building, we will continue to focus on the utilization of existing technology by finding new and innovative ways to implement usage in our building.  Committee members will meet with their perspective departments to identify how technology use will be demonstrated in their given area.  The TRT will work with Department Heads to address student usage of technology as well as teacher technology usage.

# Planning Process and Methodology

As the Department of Education prepares to issue new National Educational Technology Standards for administrators and students through the National Master Technology Plan, the Pendleton School District joins with communities across the nation to envision educational possibilities into the 21st Century. This plan conveys the next steps for using technology more productively and for weaving it more thoroughly into daily learning and teaching.

The process that is followed in planning for the use of technology is based on the desire to accomplish Pendleton County School's Mission Statement. By beginning with the end in mind, the resulting technology plan is to provide direction for accomplishing desired student outcomes. The question that guided the planning process was: How can students and teachers use technology to educate, teach and learn better than they do now? The overall purpose, therefore, of the district's Instructional Technology Plan is to contribute to the success for all students in achieving significant and measurable results.

Pendleton County's District Technology Plan serves as a written commitment to what must be accomplished in order to create a success for all cultures. It should serve as a fluid document to guide, not to mandate, the course for achieving our goals. The rate at which the technologies themselves are changing necessitates an ongoing revision process to ensure that the plan is not one which is static. Planning for the skillful integration of new technologies into the classroom requires a plan that goes far beyond creating a shopping list for hardware and software. The process should be one that seeks to support each school's effort in achieving Pendleton County's Mission, as well as its own mission. The committee will continue to expand and revise this plan as a technology-rich environment is implemented for students, staff and community.

With the constant evolution of technology, means need to be implemented and maintained into the environment to ensure a modern learning atmosphere for students in order to prepare them for 21st century skills. The process used in developing a plan that will guide the use of technology is based on a systems approach. Understanding that each part of the system plays a vital role in contributing to the success of the organization is important. The approach should be both inclusive and interactive for all stakeholders in the organization. The makeup of the committee that writes the technology plan is reflective of the various members of the system. Each school has a technology committee that is required to meet up to 4 times per academic year. Every school has their own goals that parallel with district goals. Each entity must decide on their technology plan and how it will be implemented. After the school technology committees meet, they complete their own plan and it is added into the district plan. The district also meets as a committee and discusses the needs and goals of the district. The committee members discuss what is important and attainable from the available funding. Once the plan is revised/written, the committee reviews it and the Board approves it. We also evaluated the plan from last year on where we are, what we accomplished and what still needed to be completed.

The assessment and evaluation of the plan must be capable of generating information for making any needed adjustment to the action steps. This will ensure the quality and viability of the plan. The district will make a concerted effort to ensure that both quality and viability are addressed during the assessment and evaluation process. The district will use the data generated to improve the education in Pendleton County Schools. The school TRT's gather samples of technology usage from the teachers in their buildings used throughout the year. The CIO and school TRT's are responsible for revising the plan. The final plan is then sent to the District Technology Committee before Board approval.

This district plan for educational technology is a dynamic blueprint for systemic change. Therefore, we have reviewed, refined, revised, and rewritten it as necessary to keep it viable. This requires that we examine it periodically to determine its continued effectiveness. The plan includes action steps that will indicate whether each of the goals is being met in the specified manner. Provisions for making necessary adjustments to the plan will ensure that the technology is available and effectively used to enhance the teaching/learning process through instruction, professional development, and community involvement.

Considering the rate at which new technologies are being developed, assessment and evaluation needs to address a host of issues relative to technology development and cost. The development of new knowledge about the learning process suggests that we examine the goals and objectives of the plan in a manner designed to include these new understandings. It is imperative, therefore, that we consider how we learn, what structures promote learning, and what technologies are available to enhance the learning process. We can then perform a comprehensive assessment of the technology plan. We found the need to allow BYOD for students, although our refresh of the student machines was hugely successful. So far our network has been able to handle the load of student devices.

Each TRT met with the school committee to evaluate the previous year's plan and see what goals were met.  From this, they developed their plan for the upcoming year.

**NES:**

Our technology team worked together to identify the major technology needs in our school.  Our team will meet multiple times throughout the year reviewing the technology plan for current and future year.  Team members will help identify areas of weakness, aid in teacher trainings and student technological instruction.  We will continue to provide instruction on the technology we have in our building.

**SES:**

The Southern Elementary Technology Committee meets 3 times yearly to evaluate the technology needs and concerns of Southern Elementary as well as to revise the technology plan as needed. Committee members represent various areas of Southern's student population. Teachers can present requests to committee members for discussion and review. The committee then presents agreed upon information to the site based council for approval. All technology purchase requests are then submitted at the district level for approval and purchase.

Looking back at the current year's plan, we were able to meet many of the goals in regards to acquiring new technology tools to better equip students and staff for technology integration.  We will continue the goals of increasing student computer station use as well as using technology as a means to share learning with others.  More advanced training and work on these goals will take us to higher levels of effective technology use.

**SMS:**

Members of the technology committee were consulted for recommendations when SBDM developed the building's needs assessment.  Recommendations were discussed and added to the assessment for approval pending budget restrictions.  The committee includes all grade level and department leaders so that all grades and subjects are included in the consultation of Sharp's needs in terms of technology.  The technology committee met three times throughout the school year, and has communicated through informal means such as faculty meetings and via email.  As the committee discussed last year's plan, it was decided that there were some goals that were not met such as projectors being mounted and the Skype program was rarely used in the building.  The committee did note that the key goals we discussed such as using technology more frequently in the classroom and student use of technology dramatically increased in the "2013-14" school year.  Sharp will continue to increase student use of technology to make them more college and career ready.

**PHS:**

The technology committee has met to identify technology needs in our school.  As a building, we will continue to focus on the utilization of existing technology by finding new and innovative ways to implement usage in our building.  Committee members will meet with departments to identify how technology use will be demonstrated in their given area.  The TRT will work with Department Heads to assist technology use will address student as well as teacher usage.

## Current Technology and Resources

Pendleton County Schools were among one of the first districts in the state to have the whole district connected to the Internet.  We were leaders when it came to technology.  Money was dedicated to open a KTLN distance learning lab, establish computer labs, and purchase networkable programs.  We completed Phase 1 of the Master Plan in technology in 2000.  Due to lack of funding and not having a shared vision, we went from being a leader to the end of the line.  Through hard work and commitment to the shared vision, Pendleton County Schools has again quickly becoming a front-runner in many areas of technology but we still have needs in the district.

Our network is solid and extremely robust.  Because of ERate funding, renovations, KETS money and local dollars, we have been able to upgrade our infrastructure to a high standard.  Our current WAN backbone between buildings is a 10G fiber Point to Point circuit between the buildings with a 45MB connection out through KEN.  Bandwidth capacity is increased to 250 MB under the new KIH3 contract in 2014.  We have current switches throughout the network to provide for a faster, more efficient backbone that can utilize QoS (Quality of Service) to the port.  We received funding for internal connections from ERate in 2009-2010 to help fund this endeavor.  In 2011, we virtualized over 20 servers.  We have

replaced our proxy server with ISA.  We have student and faculty folders for storage on our virtualized storage network.  We are switched to a new webhost in July 2012 and all teachers have web sites available for posting information.  The LAN connections in each building consist of 10/100 switched Ethernet ports to each workstation on the network.  The backbone between wiring closets is a 10 GB fiber connection.  We also have carved out a separate VLAN for our VOIP phone system in all our entities, which allowed us to cut our number of phone lines in half.  All teacher and administrator computers will be replaced in the summer of 2015, and the teacher computers will be moved into the building for student use.  All of our buildings have security cameras and/or alarm systems.  We completed a renovation on 3 out of our 4 schools in 2012 so everything is current.  Between renovations and ERate, we were able to upgrade all our schools to CAT6. We also added VBrick in 2011 to stream our television and video.  We added a teleconferencing component to all of our schools with the aid of the USDA RUS grant that was awarded to the district.

In order for technology to be fully integrated into instruction, there must be sufficient equipment available.  This includes the need for a variety of technologies to meet the learning needs of students.  However, just because the hardware and software is available, there is no guarantee that student proficiency will increase.  Administrators and teachers have to embrace change and seamlessly integrate technology into the curriculum and instruction delivery.  We are now on track working toward this goal.  These technologies will be used to improve the productivity of everyone in the educational process by allowing them to work smarter rather than harder.  Our current bandwidth it totally adequate for our needs at this time.  We have added several new initiatives in our district that utilize the network including.  We have implemented state initiatives and local initiative both on prem and in the cloud including MAP, Compass Odyssey, Lexia, Voyager, ASSIST, CIITS and PD360, as a daily resource for our teachers and administrators.  After setting up transparent proxy, we have opened BYOD for our faculty/staff, students and guests.

Currently technology is available to all students in the district in some form.  Every school will have at least two efficient labs of computers available for students.  Classes are held in the labs by the teachers in the building.  Every lab has LANDesk installed to monitor and manage classes in the lab.  Technology is used by students as a tool to promote learning.  Software, such as Read, Write, Gold, is located on the computers to aid students of special populations to have better access to the curriculum.  Every computer has the most current version of Microsoft Office that it can hold.  The district renews the Microsoft Agreement every year so licenses are available for the most current technology.  We have implemented Office 2013 along with Office 365, OneDrive and Skype for students and teachers as part of a state-wide initiative.

We were able to replace 264 computers through a district lease.  We are replacing teacher computers over the summer of 2015 and their devices will be used for students.  With so much instruction using technology, we will continue to work to replacing technology through some type of device.  The district is working together to find the funding for this.  We currently have BYOD for students.  We will continue to work toward helping teachers effectively incorporate this into daily teaching and learning.  Due to the high free/reduced population in our district, we do not have a huge population of students that bring their own devices to bring to school.  Before any middle school or high school students "get connected", they are required to take a Digital Citizenship class and pass their digital driver's license.  The elementary students will also take a Digital Citizenship class throughout the year.  The schools are also working on their own initiatives to pilot class sets of iPads, deliver classes in a blending environment of traditional and online, and use online resources.

**NES:**

NES is very fortunate to have the current technology available to students and teachers.  Each classroom has six to seven student/teacher computer workstations, network phones, class set of clickers, a document camera, two iPad 2's, SmartBoard and a ceiling mounted projector.  A few teachers have additional classroom equipment such as iPod, laptop, LadiBug Document Camera to provide assistance to teachers and lead student instruction through special area classes.  At this time all technology is working properly.  At any time technology is not working properly, the HelpDesk system is notified allowing IT to correct any problems.  Technology is accessible to learners in the classroom and labs.  We have three labs with 30 computers each.  Classroom have desktops, ipads, SmartBoards, LadiBug Document Cameras, ceiling mounted projectors, network phones and other miscellaneous devices.  Fourth grade will have HP Streams 1:1 learning environment.  Training for technology is provided monthly by the district TRT's.  A PD Academy is held in August each year which provides additional professional development for technology.

**SES:**

Southern Elementary has a variety of technology resources that are shared among our teachers.  Over the past few years we have continued to add technology that allows our teachers to create interactive lessons and increase formative assessment through the use of technology.  We currently have three computer labs, 21 mounted Smart Boards, 2 Smart Boards available for checkout, 10 CPS systems, some Airliners, Mounted projectors in each classroom, 2 devices (iPad

or Surface) per certified teacher and at least 4 student computers in each of the classrooms. We also have 3 grade level sets of tablets.  With a high poverty population we continue to explore new ways to acquire more technology resources. For this reason, our plan for this year includes trying to find ways to increase the number of devices to put more of them in the hands of students.   Through our professional development plan, teachers will become better trained to use the resources we have to better integrate technology into all areas of the curriculum.

**SMS:**

Currently at Phillip Sharp Middle School we have six computer labs, one iPad cart for check-out, a class set of surfaces for check-out, twelve clicker systems, projectors and document cameras in every classroom, and iPads in all Social Studies classrooms. Sharp also has a CODEC system for teleconferencing.   Currently the 7th grade Social Studies class has a class set of iPads.  The 6th and 8th grade Social Studies classes are sharing a class set of iPads.  Seven iPads will be used for Math and Reading Intervention. Students will be able to "Bring Their Own Device" once completing the AUP and Digital Citizenship modules.  The Media Specialist and Lab Manager will work together on providing the Digital Citizenship curriculum to all students.  The TRT will collaborate with teachers, media specialists, and Instructional Coach to make sure they have the available resources to integrate technology in their classrooms

**PHS:**

At Pendleton County High School, ceiling mounted projectors have been placed in all classrooms.  Staff also has access to four computer labs throughout the school year in addition to a modified computer lab in the Library/Media center. Additionally, 2 sets of 30 Surface RT's are available.  We have purchased iPads for Math, Science, Social Studies, Language Arts, CTE and Arts/Humanities departments.  Turning Point Clicker systems are used in the Sophomore Core areas for data collections with assessments.  Teachers are expected to implement technology in the classroom and demonstrate this usage on their lesson plans.  Our current staff is very young and many have been at Pendleton County High School five years or less.  Due to the change in staff, we are in the process of documenting areas of need in classrooms and are going to work towards purchasing devices such as document cameras, responding systems and other items that might be needed.  If technology is available across the curriculum by every teacher, then all students – regardless of income or need – should have exposure to a variety of resources.  Samples of teacher/student technology use is submitted to the Technology Resource teacher and is available upon request.

# Curriculum and Instructional Integration Goals

Pendleton County Schools equips its teachers to become effective users of technology in order to provide a learning environment that is innovative, rigorous, creative and user friendly.  Through an integrated approach, students will learn to effectively use technology as a tool for problem solving, creativity, communication and productivity in order to become successful members of a 21st Century society who are able to meet the changing demands of life and the workplace. By integrating technology into daily instruction, students are also better prepared to meet challenging core academic achievement standards.

**Integration of Technology into Curricula and Instruction**

**Northern Elementary**:

Students and teachers will integrate technology into curriculum and instruction daily.  Our main focus will be RTI /Enrichment Groups.  The following technology will be a major part of the instruction as well as other technology resources available such as Map, Compass, CITTS, Smart, Lexia, and FrontRow.

**Goal 1**

**Technology will assist in RTI as a source of intervention.**

## Action Plan: Projects/Activities

| Project/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| MAP/ Compass/ Pearson/ envisions/ Lexia and FrontRow | Increase student performance | MAP Scores | 7/2015-6/2016 | TRT, IC, Teachers | District/ School |
| Infinite Campus | Increase student performance/ track data | MAP Scores | 7/2015-6/2016 | District | District |
| AIMSweb | Increase student performance/ track data | Probe Scores | 7/2015-6/2016 | Special Education | District |

**Goal 2**

**Teachers will integrate technology into instructional units.**

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| iPads, Smart Boards, CODEC | Student engagement | MAP Scores | 7/2015-6/2016 | TRT, IC, teachers | District/ School |
| Scott Foresman Reading Street E-text/Assessments enVisions Math | Student engagement | MAP Scores Weekly Checks/ Benchmark Test | 7/2015-6/2016 | TRT, IC, teachers | District |

**Southern Elementary**

Southern Elementary equips its teachers to become effective users of technology in order to provide a learning environment that is innovative, rigorous, creative and user friendly.  Through an integrated approach, students will learn to effectively use technology as a tool for problem solving, creativity, communication and productivity in order to become successful members of a 21st Century society who are able to meet the changing demands of life and the workplace. By integrating technology into daily instruction, students are also better prepared to meet challenging core academic achievement standards.

### Goal 1

Tools of technology will be integrated into the daily curriculum to address all learners and promote student responsibility for individual learning

## Action Plan: Projects/Activities

### Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Training and Support will be given to teachers to help them fully integrate technology into instruction at high levels of the SAMR method. | Technology proficiency will increase and lead to increased student achievement | Lesson Plans/List of Topics covered in Trainings/Formative Observations | 8/2015-6/2016 | TRT, Technology Staff | |
| Student devices will be used in all grades to learn new content, practice content being learned, and to demonstrate learning in various ways. | Students will benefit from an integrated approach to learn and demonstrate learning of important core standards. | Lesson Plans/Formative Observations | 7/2015-6/2016 | Teachers, TRT, Administrators | |

### Goal 2

SMART Boards will be used to actively engage students in a variety of activities in both large and small group settings.

### Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Teachers will use the SMART Board to enhance large group instruction. | Students will be more actively engaged in lessons. | Lesson Plans/student work samples | 8/2015-6/2016 | Teachers, TRT | |
| Students will use the SMART Board to practice key skills and/or for enrichment when current skills have been mastered. | Students will gain more interactive practice on important core skills. | Student work samples | 7/2014-6/2015 | Teachers, TRT, Instructional Coach | |

**SMS**

The goal at Phillip Sharp Middle School is to equip student with 21$^{st}$ Century skills.  The following goals are being put in place in hopes that every student will have the opportunity to acquire these skills before they leave SMS.  Our first goal in relation to Map Testing, Reading Plus, Mobi Max, and Lexia is being implemented to help students perform on grade level while becoming familiar with basic computer applications.  These programs will be tracked and progress is achieved throughout the year.  The second goal being implemented to encourage teachers and students to use technology frequently in the classroom for class assignments so that they are familiar with the latest technologies that are available to them.

**Goal 1-. Students will make improvements across all curriculum areas in reading, math and science.**

**Action Plan: Projects/Activities**

| Project/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| MAP Testing | Increase student success in all content areas. | Map Scores each trimester. | August 2015- May 2016 | Core Content Teachers, Instructional Coach | No additional funding needed. |
| Reading Plus Program | Increase literacy skills and reading strategies across all contents and grade levels. | Lesson completion and progress weekly. | August 2015- May 2016 | Seminar Teachers and Instructional Coach | General fund needed to cover Reading Plus cost. |
| MOBI MAX and Lexia Programs | Reduce the number of students receiving RTI interventions. | Number of students in RTI classes. | August 2015- May 2016 | Intervention Teachers and Instructional Coach. | No additional funding needed |

**Goal 2- Students will receive basic technology operations and concepts training for college career readiness.**

**Action Plan: Strategies/Activities**

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Teachers will design opportunities for students to present learning using technology. | Increase student engagement and increase technology knowledge and usage throughout the building. | Classroom observation, lesson plans, student work samples. | August 2015- May 2016 | Teachers and Instructional Coach. | No additional funding needed. |

| IPADs in social studies and purchase more IPADS and Surfaces as funds are available. Implementation of Toyota Grant IPADS in Math, Reading, and Special Education | Students will use IPADS for delivery of instruction, research, and assessment. | Classroom observation and lesson plan analysis | August 2015-May 2016 | Teachers and Instructional Coach. | School Tech Fund |
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## Pendleton High School:

In order for the students of Pendleton County High School to be 21st century learners, the following technology goals are being implemented at PCHS. In addressing these goals, we will focus on specific areas. Our first area of focus will address student usage of technology. Skills needed for technology proficiency will be addressed and tools will be provided to address real world application. Our second area of focus will be to equip faculty and staff with the resources to utilize existing technology. Increasing teacher efficiency utilizing resources such as response clickers, ASPIRE, COMPASS, CIITS will impact student learning. Our final area of focus will address effective student usage of technology. Students will become active participants in the utilization of technology in the classroom. Technology use will be available to students in all content areas.

### Goal 1
All teachers and students will have adequate access to technology for instructional purposes.

## Action Plan: Projects/Activities

| Project/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Continue to Update/Replace existing ceiling-mounted projectors, as needed | Increase teacher usage of technology in instruction | School Report Card/Readiness Report | On-going as needed | TRT, Lab Manager | School funds |
| Update older student computers to increase usage and/or refreshing to new computers. | Increase student access to technology. | School Report Card/Readiness Report | Documentation of replacement of computers. | TRT, Technology Committee, Principal | School funds |
| Updating classified staff computers | Enable classified staff to complete student data | Documentation of replacement of computers | On-going as needed | TRT, Technology Committee, Principal | |
| Expand the use of computers to increase the RTI process. | Teachers will use computers to access software to address student learning needs through in RTI process. | Documentation of RTI Goal | 8/15-6/16 | Guidance Office/Principal | N/A |

# Curriculum and Instructional Integration Goals – Evaluation

**NES:**

Northern Elementary teachers will develop and utilize innovative strategies to deliver specialized instruction through technology. Students and teachers will integrate technology into curriculum and instruction daily.  Our main focus will be RTI /Enrichment Groups.  The following technology will be a major part of the instruction as well as other technology resources available such as Map, Compass, CITTS, Smart, Lexia, and FrontRow.

**SES:**

These goals will be evaluated throughout the year by analyzing walkthrough/observation data, teacher feedback at technology committee meetings, and other evidence that these practices are being used.  Training will be provided as the need arises and by teacher/administration request.

**SMS:**

Teachers will demonstrate technology use through observation, lesson plans, student work samples, and frequent data analysis.  The lab manager along with the TRT will assist teachers if technology issues should arise in the classroom and monthly trainings will be offered in order to train faculty on new technologies and ideas for implementation

**PHS:**

Our goal at PCHS is to produce students who are Career and/or College Ready.  These students must possess those 21$^{st}$ Century skills that will enable them to be successful in the post-secondary world.  In order to be life-long learners, students must have those technology skills that will assist them both personally and professionally.  Teachers will demonstrate technology usage in the classroom, assisting students in proper use of technology professionally.  Members of the technology committee and the TRT will assist teachers regarding technology issues and uses in the classroom.  Additionally, school staff will continue to communicate with parents/community using the school website and various forms of communication.

# Student Technology Literacy Goals

Technology skills and resources will be incorporated into every day learning and instruction.  Students will be taught technology skills needed to master the common core standards for their grade level.   This will help ensure that students receive the necessary skills to become technology literate by the end of the eighth grade. Weekly lab sessions, utilizing the Tech Works program will help students to learn and practice key technology skills.   Students will move from teacher-directed activities to independent/group projects utilizing teacher-created rubric guidelines. Peer tutoring will emerge from this goal. Students through the Microsoft Office program will facilitate various styles of writing. Printer usage, graph set up and PowerPoint acquisition will enlarge the student's capability to produce projects that incorporate current technology standards as outlined in the ISTE National Educational Technology Standards for students as well as to demonstrate mastery of the Common Core Standards.

Students will be encouraged in their confidence with the acquisition of new technology areas in addition to building upon previously learned concepts. Efforts will be made to involve all levels of competency within technology. Assistive technology will also be available to attempt to meet the needs of all students. Students' daily experience with interactive technology will increase their growth of their knowledge and future technology acquisitions. Classroom Smart Boards and Airliners usage will encourage students to approach new technology without fear. Assistive technology tools within the classroom will be used. Additional assistive technology and trainings will be explored as needed.    Students will be trained by staff to use available technology responsibly (Digital Citizenship) in order to improve student learning and performance as indicated in the ISTE (International Society for Technology in Education) NETS (National Education Technology Standards) Performance Indicators for Technology – Literate Students.

All students in grades 6 and 9 will complete a set of modules and pass a test to receive a Digital Driver's License before they are permitted to use the network or technology resources, including email and Internet.  Students in grades 7, 8,10,11,12 will go through a refresher course every year on Digital Citizenship but will not be required to complete all the modules.

## Northern Elementary:

Link to the Program of Studies and the Kentucky Core Academic Standards:
http://www.education.ky.gov/kde/instructional+resources/curriculum+documents+and+resources/program+of+studies/default.htm

## Goal 1

Student will receive instruction that is appropriate for their age/grade level.

## Action Plan: Strategies/Activities

| Strategy/Activities | Instructional Outcome | Indicator | Timeline | Person Responsible | Funding Source |
|---|---|---|---|---|---|
| Student will receive instruction on Digital Citizenship. | Students will understand human, cultural, and societal issues related to technology and practice legal and Ethical behavior. | Teacher Observations, Upper grades – Digital citizenship assessment | 7/2015-6/2016 | Library Media, lab manager, teacher | N/A |
| Students will receive instructions on technology operations and concepts. (keyboarding, Microsoft Applications 365) | Students demonstrate a sound understanding/usage of technology concepts, systems, and operations (computers, ipads, etc.). | Teacher Observations, Student work | 7/2015-6/2016 | Teachers, Library Media Specialist, Lab manager, IC, TRT | N/A |

| Teachers and students will participate in learning activities that encourage communication and collaboration. | Students will use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.  This will include CODEC and Skype, the new feature using Microsoft 365. | Teacher observation, lesson plans, Teacher evaluations | 7/2015-6/2016 | Teachers, Library Media Specialist, Lab manager, IC, TRT, Teachers | N/A |
| --- | --- | --- | --- | --- | --- |

## Southern Elementary:

Students will be taught technology skills needed to master the common core standards for their grade level.   This will help ensure that students receive the necessary skills to become technology literate by the end of the eighth grade. Computer skills instruction will help students to learn and practice key technology skills.

Students will be encouraged in their confidence with the acquisition of new technology areas in addition to building upon previously learned concepts. They will learn various technology skills in library class that they can apply in the classroom.  Efforts will be made to involve all levels of competency within technology (SAMR). Assistive technology will also be available to attempt to meet the needs of all students. Students' daily experience with interactive technology will increase their growth of their knowledge and future technology acquisitions. Classroom Smart Boards and device usage will encourage students to approach new technology without fear. Assistive technology tools within the classroom will be used. Additional assistive technology and trainings will be explored as needed.    Students will be trained by staff to use available technology responsibly (Digital Citizenship) in order to improve student learning and performance as indicated in the ISTE (International Society for Technology in Education) NETS (National Education Technology Standards) Performance Indicators for Technology.

### Goal 1
Students will increase their knowledge of technology tools and be able to use them appropriately.  This will help prepare them to be technology literate by the end of 8th grade.

### Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
| --- | --- | --- | --- | --- | --- |
| Students will have technology instruction to learn about various forms of technology and how they can be used the content areas. | Students can apply the skills they learn in content areas. | Lesson Plans, student reflections | 8/2015-6/2016 | Library Media Specialist, Lab Manager, Teachers | |
| Students will be trained by staff to use available technology responsibly-Digital Citizenship | Students will know how to use technology appropriately. | Digital Citizenship PowerPoint | 8/2014-6/2015 | Library Media Specialist | |

| Students will learn typing skills beginning in the third grade and continue on a rotation basis through 4th and 5th grade. | Students will be able to type more effectively | Lesson Plan | 8/2015-6/2016 | Library Media Specialist /Lab Manager | |

## Goal 2

Classroom lessons will integrate a variety of technology resources to enhance learning for all students.

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Units of study will incorporate technology (Smart Boards, Ipads, Surfaces and various educational websites, in addition to Discovery Education (United Streaming) to supplement common core materials. | Student engagement/achievement will increase | Lesson Plans, Walkthrough documents, Photographs | 8/2015-6/2016 | Classroom Teachers, TRT | |
| Increase of using technology to demonstrate learning. | Student engagement/achievement will increase in addition to better preparing students with 21st Century Learning skills. | Lesson Plans, Photographs | 8/2015-6/2016 | Classroom Teachers, TRT | |

## Sharp Middle School

It is important for all students to understand the appropriate use of technology in the classroom and to have readily available the technologies they need to continue to grow as 21st Century learners.  It is our hope that all students complete the learning modules required in order to receive their digital citizenship license. It is also our hopes that teachers will continue to give students the opportunity to use technology in the classroom for task completion and presentation of class assignments.

Link to the Program of Studies and the Kentucky Core Academic Standards:
http://www.education.ky.gov/kde/instructional+resources/curriculum+documents+and+resources/program+of+studies/default.htm

**Goal 1- Students will receive digital citizenship license.**

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Students will complete learning modules & get their Digital Citizenship License | Students will achieve digital citizenship licenses | License for each student | September 2015 | Librarian and Lab Manager | General Funds |

**Goal 2- Students will become proficient users of technology in the classroom and for tasks completion.**

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Technology Seminar | Students will gain knowledge in keyboarding skills, Microsoft office operations, and integration of technology in instruction. | Classroom observations, lesson plans, student work samples. | August 2015-May 2016 | Seminar Teachers, Lab Manager, Instructional Coach. | No additional funding needed. |
| Teachers will allow students to use technology in the classroom for assignments. | Students will gain knowledge in keyboarding skills, Microsoft office operations, and integration of technology in instruction. | Classroom observations, lesson plans, student work samples. | August 2015-May 2016 | Teachers | No additional funding needed. |

## Pendleton High School

Technology will be incorporated into daily classroom learning.  Teachers will increase student technology use in all classes.

### Goal 1

Students will have the opportunity to utilize technology throughout the school year as part of instruction and assessment.

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Students will receive updated information regarding technology usage through Digital Citizenship. | Students will demonstrate understanding of skills needed for success in society. | Digital Citizenship Assessment | 9/15-12/15 | Library/Media Specialist | N/A |
| Students will receive instructions on technology operations and concepts. | Students will demonstrate understanding of integration of technology into everyday instruction | Teacher Lesson Plans, student work | 8/15-6/16 | Principal, Assistant Principal, LMS, and Department Chair | N/A |
| Students will complete advanced technology application in classes. | Increase student technology skills, to become "Career Ready" | Teacher Lesson Plans | 8/15-6/16 | Teachers, Administrative staff | N/A |

| | | | | | |
|---|---|---|---|---|---|
| Students will use iPads/Surface RT's in content areas to integrate technology into everyday learning. | Students will demonstrate use of tablets in classrooms. | Teacher Lesson Plans | 8/15-6/16 | Teachers, Administrative Staff | N/A |
| Students will complete assessments using responding systems. | Students will receive immediate feedback on assessments. Teachers will be able to analyze data to focus on critical need areas. | Improvement on assessments and identification of needs in curriculum. | 8/15-6/16 | Administrative Staff, Dept Chairs. | N/A |

## Student Technology Literacy Goals – Evaluation

The schools will be using the technology curriculum developed by the Region 4 CIO's and TRT's. This curriculum is broken into the 9 Elements of Digital Citizenship with indicators identified in each. In the elementary schools, the media specialist will be responsible for teaching this, along with a technology skills continuum, to all students in K-5. The students in 4, 6 and 9 will be required to pass the digital driver's license assessment after digital citizenship is taught at their schools. Students who do not pass their DDL will not be permitted access to the Internet, email or BYOD. However, students will be permitted to retake the test. If they fail again, they will work with the teacher and repeat modules to aid in their understanding. We will be using Everfi and Otis for middle and high school. The elementary schools have their own curriculum developed to teach digital literacy. Students in all grades not formally assessed will receive a refresher course annually on digital citizenship.
Each level will have a different implementation and evaluation. Below is an overview of what each building will be doing to ensure literacy for all students:

**NES:**
Students will be evaluated by the teacher at the end of each unit or project using rubrics for self/teacher assessment. Teachers will be encouraged to develop lesson plans for their computer lab time. Observations of how well students are able to navigate in the various programs and/or log in will be noted in observations. Computer lab time and center time should be more efficient as the students learn to maneuver their way through the various programs. Student will also receive technology training during library/media special area classes. The media specialist and lab manager will provide technology instruction for all grade levels. Students will receive instructions based on the technology curriculum as well as creating digital citizens for the 21st Century Learner.

**SES:**
These goals will be evaluated during each technology committee meeting, with skills being added as they become needed. Students will be able to use the skills that they are learning to create and collaborate with others which will allow them to show mastery of these important 21st Century skills.

**SMS**:
Students will acquire 21st Century Skills through the technology seminar that will be offered at Sharp. Through this course students will complete Reading Plus Assessments and work on keyboarding skills to make them more college career ready. Students will continue to use the computer labs for research and assessment purposes. Teachers will be encouraged to use the MS Office suite of products, as well as Movie Maker and other presentation tools. The students will be presented with the digital citizenship course and teachers will be encouraged to monitor their progress with respect to technology use. To assist the teachers with using these products, the lab manager, TRT, and curriculum instructor will be available to provide instruction and assistance. Training and instruction will be reported to the CIO at the end of the year. Teacher lesson plans, evidence, and trimester grades will be indicators towards progress in these goals.

**PHS:**
Digital Citizenship will continue in selected classes. The Library/Media Specialist will be responsible for this training with students. Students must score well enough to pass their assessment to get the Digital Citizenship certification. Documentation of student technology usage and success will be evidenced in teacher lesson plans, as well as evidence of work submitted to TRT.

## Staff Training/Professional Development Goals

The importance of the "college and career" ready student requires teachers to start integrating technology at the earliest level. There are teachers who do this very well and some who are still insecure. This starts in the elementary grades. All the schools in the district have stepped up to the plate to require technology standards to be taught, covering skills and Digital Citizenship. In order to have all teachers teaching this, professional development of the technology needs to be included in every PD plan.

### Northern Elementary:

Teachers will learn to more effectively implement the resources that we currently have to impact student learning. These resources include Turning Technologies Response system, Lexia, FrontRow, MAP, Compass, Pearson, Smart resources, iPads, CIITS.

### Goal 1

Teachers will effectively implement the resources that we currently have to impact student learning.

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Teachers will receive training on how to efficiently analyze and use the data from Pearson/MAP/Compass/ CIITS, Lexia, FrontRow. | More effective use of data collection technology to inform small group instruction | MAP scores/ formative assessments /PLC | 7/2015-6/2016 | IC, TRT, Administration | N/A |
| Teachers will receive training on using iPads effectively in classrooms. (Pearson, student productivity, movie making) | Students will be engaged in their learning, create products, complete assessments. | Classroom observation, formative assessments | 7/2015-6/2016 | TRT, Teachers | N/A |
| Teachers will continue to receive training on Pearson/Scott Foresman Reading Street Pearson e-text/assessments. | Students will receive engaging, high interest instruction through the e-text. Students will also be assessed throughout the Scott Foresman Computerized program. | Teachers can analyze data through the Pearson/Scott Foresman. | 7/2015-6/2016 | IC, TRT, Teachers | N/A |

### Southern Elementary:

Southern Elementary realizes the importance of quality training that focuses on individual teacher and school wide needs. For this reason, professional development activities will range from large group trainings before school starts to small group trainings afterschool, and job embedded individual training as needed. This will ensure that staff knows how to use these new and existing technologies to improve education.

### Goal 1

Provide appropriate and relevant technology training in a variety of formats for school staff to encourage use high level technology skills and activities.

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible |
|---|---|---|---|---|
| Using Technology to Teach Common Core Standards Trainings.  Trainings will be offered afterschool so that teachers can learn to use the technology that we have in our school to teach the standards. | Teachers will be better trained to provide guidance and support to their students in using digital tools in teaching common core standards. | Overview of workshop, sign in sheet, lesson plans | 8/15-6/16 | TRT |
| Training Follow up: TRT will use sub release days to follow up and assist teachers in implementing what they have learned in trainings. | Increased use of new learning. | Photographs of collaboration, plans | 8/15-6/16 | TRT, Administration |
| All faculty will be trained in Digital Citizenship and proper technology usage. | Faculty will understand proper usage of all digital media. | Training materials | 8/15-9/15 | TRT, Administration |

## Sharp Middle School

The faculty at Phillip Sharp Middle School will continue to attend monthly trainings and faculty meeting in order to stay updated on the latest programs and technologies being used throughout the building.  Various trainings such as, Reading Plus, Mobi Max, Lexia, Map Testing, iPads, Surfaces, and HP Streams will be offered as needed and throughout the school year.

## Goal 1- The SMS Staff will use available technology frequently in the classroom.

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Technology Trainings | Teachers and Students will use technology more frequently and gain skills to help them become more college and career ready. | Agendas, Sign-In Sheets, Observation, Lesson Plans, Student Work Samples | August 2015-May 2016 | TRT, Instructional Coach, Administrators, Teachers | |
| Technology Academy Professional Development | Teachers and Students will use technology more frequently and gain skills to help them become more college and career ready. | Agendas, Sign-In Sheets, Observation, Lesson Plans, Student Work Samples | August 2015-May 2016 | TRT, Instructional Coach, Administrators, Teachers | |

**Goal 2-** SMS staff will receive technology updates/training through professional development and faculty meetings.

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Technology Trainings | Teachers will be aware of current technology available and implement technology more frequently into daily lessons. | Agendas, Sign-In Sheets, Observation, Lesson Plans, Student Work Samples | August 2015-May 2016 | TRT, Instructional Coach, Administrators, Teachers | |
| Faculty Meetings | Teachers will be aware of current technology available and implement technology more frequently into daily lessons. | Agendas, Sign-In Sheets, Observation, Lesson Plans, Student Work Samples | August 2015-May 2016 | TRT, Instructional Coach, Administrators, Teachers | |

**Pendleton High School:**

Pendleton County High School Staff will learn to effectively implement the resources that are currently in place student learning. These resources include response systems, ASPIRE, Compass, SMART resources, CIITS, iPads and Surface RT's. Additionally, professional development will be provided for all staff. Monthly training sessions are available for all staff in a variety of different technology areas.

## Goal 1

Teachers will use technology to improve student performance is math and reading (RTI)

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Teachers receive training to design opportunities to aid students in selected content areas. | Students will use technology (iPads/Surface RT's/Web-based activities) to aid in improving math/literacy skills. | Improvement on MAP scores in math and reading. | 8/15-6/16 | Classroom Teachers, Instructional Coach | Instructional money, student fees |
| Select teachers will incorporate the use of Turning Point Technology systems into the classroom. | Students will use these devices to aid in Core Subject areas (select Math, Science, Language Arts and Social Studies classes) | Improvement on common assessments and increasing technology usage in the classroom | 8/15-6/16 | Sophomore Math, Science, LA and SS teachers | |
| Incorporation of iPads/Surface RT's in select classrooms by departments | Increase students learning through the use of tablets in the classroom | ASPIRE, Common Assessment scores | 8/15-6/16 | CTE Teachers, Yearbook Staff, Core Subj area teachers, administration | Carl Perkins Funds, Instructional Funds |

# Staff Training/Professional Development Goals – Evaluation

There will be a district wide technology PD offered before school starts, required of every teacher in the district.  Monthly trainings will be available to all faculty through the TRT's.  There will also be training in PLC's throughout the year, some in small group presentations and some in after school sessions or faculty meetings.  With a variety of presentations, teachers should gain a comfort level in multiple areas of technology integration during the school year.
Tech staff will attend the annual technology conference and submit to present a session.  In coordination with the schools, all TRT's will also attend the conference.  TRT's and the CIO will also attend instructional meetings offered throughout the state.

**NES:**

Teachers are expected to include technology into their daily instruction.  Lesson plans should reflect this expectation.  The TRT provides monthly technology instructional PD to assure teachers the professional development to incorporate technology into their classroom most effectively and purposeful.  The implementation of this technology will be addressed in formal teacher observations and informal walk through observations.  Specific examples of technology that should be included but not limited to:  CITTS, MAP/Odyssey, iPad, Pearson, enVisions, Lexia, and FrontRow, technology based projects and other various topics.
1. Currently the staff is at a developing to accomplished level of utilizing technology in the classroom.  Teacher's use of technology is monitored through walk-thru and PGES observations.
2. Topics of training available for staff includes web-based programs:  CITTS, MAP/Odyssey, iPad, Pearson, enVisions, Lexia, and FrontRow.  Also teachers will receive training on various apps, and websites that will enhance classroom instruction.
3. The technology trainings will be held after school in a small group setting.   Teachers will receive training on the topic and have time to explore it during the designated training time.
4. The technology trainings will correlate through the CSIP and CDIP.
5. Training opportunities for technical staff will be offered at a district level.
6. Indicators and accountability measures that will be monitored through walk-thru data, PGES observations, PD academy survey data/reflections.

**SES:**
Training ideas will be discussed at tech committee meetings to effectively meet the needs of all staff. Teachers will collect evidence of how they used the training skills learned with their students and this will be analyzed at tech committee meetings.  Monthly trainings will reflect needs and requests of teachers and admin.
**SMS:**
In order for the staff at Sharp Middle School to take full advantage of the available resources in the building the Technology Resource Teacher (TRT) will provide monthly trainings available to staff once a month.  This trainings will show teachers and staff how to use various technology available to them, new ideas for implementation, and an opportunity for them share what issues they have had with current technology.  The staff will be sent a calendar invite through email to set reminders for teachers, also sign-in sheets will be kept by the TRT to document those present in the meetings.  Each month Faculty Meetings will be held in which technology will be a part of the agenda to keep teachers up to date on recent changes and/or concerns with technology related issues in the building.
Observation, lesson plans, computer lab schedules, and student work samples will be used to indicate that goals have been met.  The technology committee will evaluate all evidence to see if individual goals have been met.
**PHS:**

Teachers are expected to include technology into daily instruction.  In order for this to be effective, teachers will be exposed to a variety of technology throughout the school year.  The TRT will be responsible for assessing staff technology needs, through the use of surveys periodically.  From these surveys, technology training will be scheduled to benefit the faculty and staff.  Teachers will receive a brief technology overview at monthly faculty meeting demonstrated by the TRT and/or Administrator.  Prior to training, which will be more in-depth.  Ideas for all trainings will come from these surveys, and administrative recommendations.  Additionally, teachers who demonstrate innovative use of technology in the classroom will be asked to share their strategies at faculty meetings and/or technology trainings.  Sign-in sheets from meetings and trainings will be used to assess which teachers are actively working at improving their understanding of technology.  TRT and/or administrators will also demonstrate use of technology equipment throughout the course of the school year to encourage faculty usage of technology in the classroom.

# Technology Goals

In order to reach our district wide vision toward achieving Proficiency, the following technology goals are what we think are necessary. There are 4 main areas on which we will focus. Our first area is teaching students the skills they need to be proficient in technology and giving the tools they need in order to implement those skills into problem solving opportunities equitable to real life situations. Our second area of focus will be to train teachers more in depth with the resources that we have already such as the response clickers, MAP, COMPASS, Smart Tools, CIITS and Thinkfinity. Taking the time to dig deeper into these resources will impact teacher efficiency as well as student learning. Another area we need to focus on is continuing to update/replace computers/hand held devices that are beginning to age out. Finally, none of this would be important if we did not get this equipment into the hands of students and teach them to be effective users of technology. This next year we will focus on making our students active participants in implementing technology into their day to day learning. Technology is a means of allowing faculty and students to work "smarter not harder". Teachers are using technology as a part of their teaching and as a means of delivery of instruction. Online classes, web portals, web applications and Internet resources are quickly becoming an integral resource for core content. A lot of what we will be doing is a continuation of goals we have worked on in previous years.

**Northern Elementary:**

## Goal 1 – Technology resources

All students and teachers will have adequate and convenient access to technology.

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Reimage computers and place into classrooms | Student access to technology will increase | Readiness Report/School Report Card | 7/2015-6/2016 | TRT, Computer tech | N/A |
| Update teacher computers and place old teacher computers into the classrooms. | Student access to technology will increase | Readiness Report/School Report Card | 7/2015-6/2016 | TRT/Lab Manager | District |
| Purchase additional devices (HP Streams) | Student access to technology will increase. | Readiness Report/School Report Card; Student assessments | 7/2015-6/2016 | TRT Lab Manager | School funds (5000) |

## Goal 2

Fourth Grade students will become 21st Century Learners through the use of One to One classroom environment.

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| One to One Fourth Grade HP Google Streams/storage cart | Student access to technology will increase and increase in test scores. | Classroom assessments | 7/2015-6/2016 | TRT Fourth Grade Teachers | KYSTE Grant; 109 Board Money |

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| One to One Teacher Training | Development of appropriate instructional material. | Classroom assessments | 7/2015-6/2016 | TRT<br><br>Fourth Grade Teachers | N/A |

**Goal 3**

Northern Elementary PTO will purchase additional SmartBoards for intervention staff.

**Action Plan: Strategies/Activities**

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Purchase 4 SmartBoards | Student access to technology will increase and increase in test scores. | Classroom assessments;<br><br>Readiness Report/School Report Card | 7/2015-6/2016 | TRT;<br>Classroom Teachers | PTO |
| Smartboard Training for Staff | Student access to technology will increase and increase in test scores. | Classroom assessments;<br><br>Readiness Report/School Report Card | 7/2015-6/2016 | TRT | N/A |

**Southern Elementary:**

Over the past several years, we have worked to increase our students' and staff knowledge of technology best practices. Now that we have built that foundation, we are looking for ways to take the next steps to technology proficiency. In the coming year, our goals will focus on creating high level technology activities by using the SAMR method. This will ensure that students are using technology at all levels of Substitution, Augmentation, Modification, Redefinition.

Our vision to incorporate foundational technology components within the curriculum and offering professional development for our teachers will help ensure that knowledge and skills will remain current. We also believe that our use of technology for assessment is an important step that will help us better serve our students through the RTI process. Since this intervention encompasses additional time to remediate students in areas of Math and Reading, technology will be utilized to pinpoint key weaknesses in order to facilitate more practice. This technology will include Compass Odyssey, IPad apps, Lexia, and other educational websites/programs. The quick data that we get from MAP/Compass, formative assessment technology, and Progress Monitoring software can help us better plan interventions that are so important to student success.

In the coming year, we plan to finish mounting SMART Boards in each homeroom class as well as increasing the number of device carts to be used in all grade levels. These goals will help us continue to progress in the area of technology and better prepare our students for a fast paced 21st Century society.

## Goal 1

All students and teachers will have adequate and convenient access to technology.

### Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|

| Purchase additional devices with the eventual goal of one set per grade level. We currently have 3 grade level carts and will work to add devices to 1st and 2nd grade and add devices to 3rd and 5th grades. | Teachers and students will be able to use the devices for more interactive lessons to teach core standards. | Report of progress | 6/2014-until goal is met | Administration | PTO, Fundraising, District |
|---|---|---|---|---|---|
| Replacement of teacher computers | Teachers will be better able to use technology to teach with a quality teacher computer. | Purchase Orders | 6/2015-9/2015 | District Technology Staff | District Technology Funds |
| Replacement of older computers with current teacher computers that are still in good condition. | Students will be able to effectively access all the educational programs that are used for remediation and enrichment. | Replacement plan showing oldest computers replaced. | 9/15-12/15 | Lab Manager, TRT, District Tech Staff | None |

## Goal 2

Technology will assist in all areas of the curriculum for both interventions and enrichment in order to show student growth.

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Teachers will use data from various technologies (Pearson, Lexia, Reading Plus, Front Row, MAP, Progress Monitoring, SMART response system) to assess students' understanding of Common Core Standards and plan appropriate interventions and/or enrichment. | Pinpoint student strengths/weaknesses in Reading and Math to inform instruction and interventions. | Student data | 8/15-6/2016 | Administration | **District/ School** |
| Increased use of classroom computer centers/devices. They will be set up to run programs such as Compass Odyssey, Pearson, Lexia, Front Row, Reading Plus and additional web-based educational sites. | More effective use of classroom computers, increased differentiated practice in Reading and Math skills. | Lesson Plans | 7/2014-6/2015 | Teachers, Administration | **School Funding** |
| Students will use the available technologies to enhance their understanding of Common Core standards and increase their growth in these areas. | Increased growth of students. | Growth data | 8/2015/ 6/16 | Teachers, Administration, TRT | **N/A** |

## Goal 3

Use of technology systems and information will expand parent and community connections.

### Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| STLP Technology Showcase-sharing with families how students are creatively using technology at our school. Students will share projects that they are presenting at various competitions. | Building awareness of what is going on with technology at SES. | Program/pics from showcase | 8/2015-6/16 | STLP, TRT, Administration | **N/A** |
| Increased use of blogging or teacher webpage to share student work and ways that parents can help their child at home. | Community members will be more aware of what students are doing and students will have a broader audience to share their great work. | Evidence from teachers using blogging or teacher webpage to share student work. | 8/2015-6/16 | TRT, STLP, Administration, Teachers | **N/A** |

### Sharp Middle School:

In order for students to be 21st Century Learners it is important that various technologies be available to students and equipment needs to be updated and working efficiently in order to insure success in this area. We hope to add additional labs to the building be using old teacher computers to not only replace outdated stations, but also create at least one additional lab in the building. It is also our hope at SMS to continue to purchase, when possible, additional devices and resources for classroom use.

### Goal 1

Old teacher computers will be used to replace older systems in the computer labs and to create additional computer labs throughout the building.

### Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Lab Manager, TRT, and STLP students will communicate to replace computers in current labs as needed. | Students and staff will have adequate, working computers available to them when they are working in the computer labs. | Lab Schedule, Help Desk, Email, Documentation | 11/15 | Lab Manager, TRT, Administration | No additional funding needed |
| Lab Manager and TRT will be notified through help desk for faulty computer issues. | Students and staff will have adequate, working computers available to them when they are working in the computer labs. | Lab Schedule, Help Desk, Email, Documentation | 11/15 | Lab Manager, TRT, Administration | No additional funding needed. |

**Goal 2**

Continue to use technology funds and PAC donations to buy additional technology resources.

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Fund Raising- Box Tops | Provide additional funds to the technology fund to buy technology and resources for student use. | Fund raising documentation. | May 2016 | Teachers, TRT, Administration, Accountant | Money raised through fund raising |
| PAC Donations | Additional technology resources will be available for teachers and students to develop 21st Century Technology Skills. | PAC meeting agenda and donation notice. | May 2016 | Teachers, TRT, Admin, Lab Mgr, Accountant | No funding needed |
| Technology Fund for apps and resources | Funds will be available as new resources become available on devices. | Documentation and technology fund account. | May 2016 | Teachers, TRT, Admin, Lab Mgr, Accountant | Technology funds |

**Pendleton High School:**

**Goal 1**

PCHS will increase teachers and students access to updated technology for increase student engagement and learning.

## Action Plan: Strategies/Activities

| Strategy/Activity | Instructional Outcome | Indicator | Timeline | Person(s) Responsible | Funding Source |
|---|---|---|---|---|---|
| Update current teacher desktops | Teachers will be able to utilize state of the art technology, utilizing devices in classroom instruction | Inventory of new machines purchased. | 8/15-6/16 | CIO and TRT | District funds. |
| Purchasing of iPads for classroom use | Students will use these devices to aid in Core Subject areas (select Math, Science, Language Arts and Social Studies classes) | Improvement on common assessments and increasing technology usage in the classroom | 8/15-6/16 | Sophomore Math, Science, LA and SS teachers | Grants, if available |
| Increase the computer to student ratio by placing more desktops into the classroom | Students will have access to desktops in individual teacher's classrooms | Inventory lists | 8/15-6/16 | TRT and Principal | None |
| Increase student access to computers for RTI | Student computers will be purchased to be used in a common area to assist students struggling in Core areas | Inventory lists | 8/15-6/16 | Principal | Student fees |

# Technology Goals – Evaluation

The infrastructure and core of the district is extremely robust and efficient.  We are capable of implementing the elements described above because of our up-to-date, technology rich environment.  The biggest need we have is to continue a cycle for refreshing hardware and devices every year. Schools realize there is not enough money at the district level to maintain and purchase new computers every year so they are consistently looking for alternative ways to grow the accessibility to technology for students.  We will also be adding wiring to our buildings and wireless access points for a 1:1 environment.

**NES:**

During technology committee meetings, the committee will view progress toward the goals in this plan.  Steps will be taken as needed to increase the ability to meet the goals by the end of the year.    Administration will also be collecting evidence through teacher evaluation (PGES) and lesson plan review. Through the evidence we have chosen to collect, it will be evident whether sufficient progress is being made throughout the year.

It is our goal to make more technology available to our students and teachers at NES.  We plan to work as a staff to hold our annual Freaky Friday fundraiser which we will use some of the funds to pay the lease on the new 64 student computers placed into our building on Dec. 2012.    This year we may have the possibility to purchase additional technology equipment; updating teacher work stations and student work stations.  IN addition HP Streams will be purchase for classroom checkout.  Within our technology goals, we hope to instill 21st Century learners and "good" digital citizens.

The continuation of trainings will alleviate future technology implementation problems or frustrations.  In order to achieve or mission, teachers and students need to delve into using technology frequently within their instructions.  Funding can also be a frustration for teachers in order to support the technology educational environment.

**SES:**

As in the past goals, the technology committee will view evidence at each meeting to see that progress is being made on the goals.  As we hold various fundraisers throughout the year, we will evaluate the most pressing needs and address those first.  We will also be committed to replacing aging technology as we bring more current devices into our classrooms.

**SMS:**

It is our goal at Sharp Middle School to make each student equip with 21st Century Learning Skills.  The use of technology play a major part in making sure that each student is college and career ready.  With more resources available more students will be given the opportunity to use updated technology on a daily basis.  The building administration will monitor and evaluate the progress of these goals chiefly by reviewing lesson plans, classroom observation, and reviewing accounts. Training and Professional Development will be presented regularly and will be reported on as presented.  Additional training will be presented if a specific need is identified, either by administration observation or teacher request.

**PHS:** All the technology goals will be evaluated by the successful purchase and implementation of the above devices.

# Budget Summary

| Salaries | | | | | |
|---|---|---|---|---|---|
| Total Salaries | | General | $359,946.44 | 1 | $ 359,946.44 |
| **Hardware** | | | | | |
| Equipment | Teacher Workstations | KETS | $ 700.00 | 180 | $ 126,000.00 |
| Demo Equipment/ Licenses | | Local Tech | $ 4,000.00 | 1 | $ 4,000.00 |
| Classroom hardware | | Local Tech | $ 1,000.00 | 4 | $ 4,000.00 |
| Parts/ Repair | | Local Tech | $ 5,000.00 | 1 | $ 5,000.00 |
| **Maintenance/Licenses** | | | | | |
| Phone system | | KETS | $ 13,750.00 | 1 | $ 13,750.00 |
| Switches | | KETS | $ 15,000.00 | 1 | $ 15,000.00 |
| Microsoft | | KETS | $ 15,500.00 | 1 | $ 15,500.00 |
| Servers | | KETS | $ 1,500.00 | 1 | $ 1,500.00 |
| Fastvue | | Local Tech | $ 935.00 | 1 | $ 935.00 |
| Web Hosting | | Local Tech | $ 3,800.00 | 1 | $ 3,800.00 |
| **Dues/Fees** | | | | | |
| KySTE (Todd, Chris, TRT's) | | Local Tech | $ 150.00 | 6 | $ 900.00 |
| ISTE (Michele) | | Local Tech | $ 85.00 | 1 | $ 85.00 |
| NKySTE (District License) | | Local Tech | $ 30.00 | 1 | $ 30.00 |
| **General Fund Expenditures** | | | | | |
| Parts | | General | $ 5,000.00 | 4 | $ 20,000.00 |
| Student Computers Lease | | General | $ 19,000.00 | 1 | $ 19,000.00 |

| **ERATE Eligible** | | | | | |
|---|---|---|---|---|---|
| **Description** | **Total Price** | **Fund** | **Match** | **ERate** | **Total** |
| Switches/ Wireless | $112,648.50 | KETS | $ 22,529.70 | $ 90,118.80 | $ 22,529.70 |
| UPS's | $13,100.00 | KETS | $ 2,620.00 | $ 10,480.00 | $ 2,620.00 |
| Wiring | $104,240.00 | KETS | $ 20,848.00 | $ 83,392.00 | $ 20,848.00 |
| Installation | $13,334.00 | KETS | $ 2,666.80 | $ 10,667.20 | $ 2,666.80 |

| **Local Tech Expenditures** | | | | | |
|---|---|---|---|---|---|
| Software | | Local Tech | $ 3,500.00 | 1 | $ 3,500.00 |
| Supplies | | Local Tech | $ 3,000.00 | 1 | $ 3,000.00 |
| Travel | | Local Tech | $ 5,000.00 | 1 | $ 5,000.00 |

| **ERATE Telecommunications** | | | | | |
|---|---|---|---|---|---|
| **Telecom** | **Service** | **Fund** | **Monthly Cost** | **Yearly Cost** | **District Cost** |
| Local Phone | Local Service | General | $ 3,173.56 | $ 38,082.76 | $ 22,549.11 |
| Long Distance | Long DistService | General | $ 156.13 | $ 1,873.60 | $ 567.28 |
| Fiber | Digital Transmission | General | $ 6,866.67 | $ 82,400.00 | $ 15,326.40 |
| Fiber FSC | Not eligible | General | $ 137.33 | $ 1,648.00 | $ 824.00 |
| Cell | Cellular Service | General | $ 1,883.57 | $ 22,602.78 | $ 12,898.97 |
| Access Points | Hot Spots | General | $ 280.07 | $ 3,360.88 | $ 1,773.51 |
| Data | iPads | General | $ 219.17 | $ 2,630.04 | $ 2,880.00 |
| School Messenger | Call Service | General | $ 5,000.00 | $ 5,000.00 | $ 1,360.11 |
| | | | | **TOTAL BUDGET** | **$ 707,790.31** |

| **School Purchases** | | | | | |
|---|---|---|---|---|---|
| 1:1 Devices HP Streams | | NES 4th Kyste Grant | $20,798 | 1 | $20,798 |
| 1:1 Device Storage Carts | | NES Funds | $835 | 3 | $2,505 |
| 20 HP Stream | | NES Funds | $4,000 | 1 | $4,000 |

*Does not include leases, general fund amounts with exception of salaries

# Budget Summary – Narrative

To meet the needs of the K-12 public schools that receive assistance through KETS, the Kentucky Department of Education, through the Office of Education Technology, has solicited bids for contracts since 1992.  The resulting contracts awarded to vendors provide the foundation for the KETS standards that all K-12 schools adhere to.   From the state contract, Pendleton County Schools has chosen Dell as the major vendor for computers, Avaya for equipment in the infrastructure, Windstream for VOIP equipment/components, and Lexmark for printers.

## Funding Sources

Funding for education technology is made available from state (KETS Offers of Assistance) and federal sources (ERate).  The district is required to match the KETS Offers of Assistance. Through ERate, Pendleton County Schools will receive an 85% discount on telecommunications.  The offer of assistance that comes from the state is based on ADA and is matched from the district.

## Costs and Budget

A proposed budget has been formulated for the Pendleton County Schools.  This would require more local funds from the district.  The district leased a virtualized storage in 2011 and 264 computers for students in 2012.  Leasing provided us with an avenue to purchase the technology needed in the district by allowing us to spread the payments out over multiple years.  Other funding comes from Universal Service Fund, KETS, local funds and school support.  Schools have also been purchasing technologies for their facility since the funding has not been there from the district for new initiatives.  All basic operations are paid for from local and KETs funding.  All telco comes from local and ERate funding.  Offers of assistance have increased in pass years to also help with funding.

## Attachments/Appendices:

## School Technology Committees:

**NES:**
Darell Pugh, Principal
Tina Record, TRT
Michele Augsback, IC
Brandi Darnell, 5th grade teacher
Kelly Hopp, 3rd grade teacher
Tiffany Robinson, 1st grade teacher
Robin Reis, 1st grade teacher
Kendra Johnston, 2nd grade teacher
Angela Lawrence, 2nd grade teacher
Laura Caudill, Kindergarten teacher
Jill Cahill, Special education teacher
Debbie Veirs, Lab Tech.
Theresa Turner, Media Specialist

**SES:**
Laura Pugh- Principal,
Carrie Thomas-5th Grade Teacher
Technology Resource Teacher
Lori Fookes-1st grade
Lynn Murphy-2nd grade
Stephanie Denneman-3rd grade
Missy Tucker- 3rd grade
Caitlyn Courtney-4th Grade
Jessica Morris-5th grade
Shannon Moore-Special Education
Lois Gosney- Computer Lab Manager
Theresa Adams-Music Teacher
Theresa Turner-Library Media Specialist

**SMS:**
Rhonda Moore- Principal
Megan Ramsey-8th Grade Social Studies, Technology Resource Teacher
Amanda Ishmael-6th Grade Math
Eileen Baker-8th Grade Language Arts
Christina Gregg-7th Grade Science
Denise Hisel-Lab Manager
Catherine Mann-7th Grade Social Studies

**PHS:**
Chad Simms-- Principal
Teri Ziegler – TRT
Carolyn Reid - Media Specialist
Craig Smith - Math Dept.
Rachel Perraut - Soc. Studies
Debbie Jeans-Arts and Humanities
Patty Mains - Lab Manager
Tony Hoess - CTE
Sharon Valentine - Language Arts

## FY14 Technology Tools Readiness Results (7/1/2013 - 6/30/2014)

*The information collected will be used by local school districts, local Boards of Education, Legislators, and the Kentucky Board of Education to determine the needs for (1) implementing the KETS Master Plan for Technology initiatives, (2) technology funding, (3) on-line applications and (4) on-line testing.*

| | |
|---|---|
| SCHOOL DISTRICT | **Pendleton County** |
| ADA | 2,281 |
| NUMBER OF SCHOOLS | 4 |
| NUMBER OF CLASSROOMS | 150 |
| NUMBER OF CLASSROOM TEACHERS | 146 |

## Section 1: Instructional Devices and Ease of Access

| Student Devices in Elementary Schools (P - Grade 5) | Total |
|---|---|
| Total Number of Instructional Devices for STUDENT Access (this includes ALL devices and access "seats") | 624 |

| Student Devices in Secondary Schools (Grade 6 - Grade 12) | Total |
|---|---|
| Total Number of Instructional Devices for STUDENT Access (this includes ALL devices and access "seats") | 898 |

| Staff Devices in ALL Locations (Classroom Teachers, Administrators, & Other personnel, and District Offices) | Total |
|---|---|
| Total Number of Instructional STAFF Devices District Wide | 69 |

| Total number of Instructional Devices | Total | Percent of Devices | Ratio to 1 |
|---|---|---|---|
| **Student Devices** | 1,522 | 95.66% | 1.50 |
| **Staff Devices** | 69 | 4.34% | |
| **TOTAL** | **1,591** | **100.00%** | |

| Personally Owned Devices | Yes | No |
|---|---|---|
| 1. Has the district permitted (by way of policy) personally owned Devices to be brought to school by students? | ☑ | ☐ |
| 2. Has the district permitted (by way of policy) personally owned Devices to be brought to school by staff (adults)? | ☑ | ☐ |

| 1:1 Implementations | Yes | No |
|---|---|---|
| 1. Has the district purchased devices for a 1:1 implementation? | ☐ | ☑ |
| 2. If yes, what is the scope of the implementation?  (e.g. district wide, school wide, grade level, program based, etc) | | |
| 3. If yes, what device(s) are being purchased in the implementation? | | |

| Home Access | Yes | No |
|---|---|---|
| 1. Do you have a meaningful or intentional way to collect student home access information? (e.g. asked on enrollment form or other survey) | ☑ | ☐ |
| 2. If yes, what **percent** of students have Internet access at home capable of having a good experience watching a YouTube video? | 65% | |
| 3. If no, what is your best effort guess (SWAG), on what **percent** of students have Internet access at home capable of having a good experience watching a YouTube video? | | |

| Annual Purchases and Surplus | Total |
|---|---|
| 1. How many total Instructional Devices within the district were purchased/acquired new, from all funding sources, during this annual reporting cycle (7/1 - 6/30)? | 273 |
| 2. How many total Instructional Devices within the district were surplused during this annual reporting cycle (7/1 - 6/30)? | 87 |

## Section 2: Instructional Device Operating Systems

| How many of the total Instructional Devices use the following OS? | Total |
|---|---|
| Windows - Pre Windows 7 | 2 |
| Windows 7 | 1,170 |
| Windows 8 | 3 |
| Windows 8 RT | 197 |
| Mac OS X Pre 10.4 | |
| Mac OS X 10.4 (Up to 10.8) | |
| Mac OS X 10.9 (or later) | |
| Chrome OS (Chromebook OS) | |
| iOS 6.x and older | 123 |
| iOS 7.x and newer | 95 |
| Android 4.0 (ice cream sandwich) and older | 1 |
| Android 4.1 (Jellybean) and newer | |
| Other Android base OS (i.e. Kindle, etc.) | |
| Other Desktop OS (e.g. Linux) | |

| OS (Section 2) Calculated TOTAL | 1,591 | 1591 |
|---|---|---|
| Should equal or be validated to the total number of instructional devices in Section 1 | 1,591 | |

| | Total |
|---|---|
| How many of your total student devices are able to be used for state required assessment? | 448 |

## Section 3: Technology Leadership, Service, Support, and Training Resources

| | |
|---|---|
| 1. Total number of days the Ed Tech Leader position is employed during the FY13 school year | 232 |

| 2. How does the Ed Tech Leader spend most of their day? (select one that best describes): | | |
|---|---|---|
|    A. Primarily focuses on day to day operations with majority of time devoted to hands on repair, troubleshooting, or solving help desk requests. | | |
|    B. Primarily focuses on ensuring the availability of critical technology services. Includes the management of staff as well as managing or brokering services as defined by other leaders. | | |
|    C. Primarily focuses on understanding the educational needs and challenges of the district. Influences district level budget conversations. As well as leading efforts to plan, research, procure state and federal program funding, leads and establishes overall direction and vision of using technology for efficiencies and instruction/learning. | ☑ | |

|  | **Yes** | **No** |
|---|---|---|
| 3. Does the Ed Tech Leader report directly to the superintendent? | ☐ | ☑ |
| 4. Does the Ed Tech Leader have district wide technology budgetary control and influences over other budgets? | ☑ | ☐ |
| 5. Does the school district have someone tasked with being overall in charge of Data Quality (one person that is generally responsible for data in all data systems)? | ☐ | ☑ |
| 6. Has the school district implemented "Data Stewards" for valuable data elements in your district? | ☑ | ☐ |

|  | **%** | |
|---|---|---|
| 7. What percentage the Ed Tech Leaders time is spent on activities outside of those that are technology related? | 40% | |

| **TIS/ TRT: (Technology Integration Specialists / Technology Resource Teachers)** | **Total** | |
|---|---|---|

| | Total | |
|---|---|---|
| Number of FTE (Full Time Equivalent) TIS/TRT positions in the district? | 0.00 | |

| STC: | Total | |
|---|---|---|
| Number of schools with an STC? | 4 | |
| | **Yes** | **No** |
| Are STC positions paid a stipend? | ☑ | ☐ |
| | **Amount** | |
| If yes, what is the annual average stipend? | $2,500 | |

| Technicians: | Total | |
|---|---|---|
| Number of FTE **in-house** district/school technicians that focus on daily operations and maintenance? | 1.00 | |
| Number of FTE **outsourced** district/school technicians that focus on daily operations and maintenance? | 0.00 | |

| STLP: | **Yes** | **No** |
|---|---|---|
| Do you have students (ex: STLP, interns) assisting with technology leadership, services, support and training? | ☑ | ☐ |

| | **Total** | |
|---|---|---|
| Number of schools with active STLP? | 4 | |

| Which best describes your STLP? (check only one) | ☐ | |
|---|---|---|
| An after school program or club | ☐ | |
| Integrated into content/classroom | ☐ | |
| Both afterschool and integrated | ☑ | |

| Digital Citizenship | **Yes** | **No** |
|---|---|---|
| Is there a purposeful implementation of **student** learning of the 9 elements of Digital Citizenship (via Professional learning/ PD, Digital Driver's License, Common Sense Media resources, etc.) | ☑ | ☐ |

| | | | |
|---|---|---|---|
| Select the elements of Digital Citizenship being implemented with students: | ☐ | | |
| Digital Access | ☑ | | |
| Digital Commerce | ☑ | | |
| Digital Communication | ☑ | | |
| Digital Literacy | ☑ | | |
| Digital Etiquette | ☑ | | |
| Digital Law | ☑ | | |
| Digital Rights & Responsibilities | ☑ | | |
| Digital Health & Wellness | ☑ | | |
| Digital Security | ☑ | | |
| Is there a purposeful implementation of **teacher/adult** learning of the 9 elements of Digital Citizenship (via Professional learning/ PD, Digital Driver's License, Common Sense Media resources, etc.) | ☑ | | |

| | **Yes** | | **No** |
|---|---|---|---|
| Do you have a district wide or school-wide approach to a Learning Management System (LMS)? | ☑ | ☐ | |

| If yes, what are you currently using? (Check all that apply) | ☐ | |
|---|---|---|
| Moodle | ☑ | |
| Edmodo | ☑ | |
| Blackboard | ☐ | |
| Canvas | ☐ | |
| Converge | ☐ | |
| Schoology | ☐ | |
| Desire2Learn | ☐ | |
| Infinite Campus | ☐ | |
| The Holler | ☐ | |
| Other | ☐ | |
| If Other, please share | One Drive | |

| | Yes | No |
|---|---|---|
| Do your schools offer on-line or blended courses for student credit? | ☑ | ☐ |

| 1. Is Credit given based on seat time, performance or both? | ☐ |
|---|---|
| Seat Time | ☐ |
| Performance | ☐ |
| Both | ☑ |

## Section 4: Network Connectivity

| School Wide Area Network (WAN) Connection to District Hub Site | # Schools | Percentage of Schools | # of other buildings (that are not schools) |
|---|---|---|---|
| 1. Number of schools connected to WAN via the following connection speed | | | |
| Up to or less than 10 Mpbs | | 0% | |
| Up to or less than 100 Mpbs | | 0% | |
| Up to or less than 1 Gpbs | | 0% | 2 |
| Greater than a 1 Gpbs | 4 | 100% | 1 |
| 2. Number of schools that already have wireless able to generally support BYOD or 1:1 | 0 | 0% | |
| 3. Number of schools that DO NOT have wireless able to generally support BYOD or 1:1 (dense wireless, ready for every student to connect 1 or 2 devices and have a good experience) | 4 | 100% | |
| TOTAL | 4 | 100% | 3 |