

Owen County Schools Technology Plan  
Owen County School District  
Owenton, Kentucky



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

Creation Date: October 28, 2013

**Revision Date: November 25, 2013**

As per the SLD: The technology plan creation date is the month and year the technology plan was written, not the date when you began to develop or draft it. The SLD defines the creation date as the date it first contained all five required elements in sufficient detail to support the services requested on your Form 470. The creation date must be prior to the date the Form 470(s) is posted.

Plan Start Date: July 1, 2014

Plan Expiration Date: June 30, 2016

# Acknowledgments

## **District Technology Staff**

Naomi Cornette, Chief Information Officer  
Jack Duncan, Network Administrator, STLP  
Job Coach  
Lisa Allen, Technology Resource Trainer

## **School Library Media Specialists**

Mindy Green, Owen County Primary School  
Mindy Green, Owen County Elementary  
School  
LeeAnn Gamm, Maurice Bowling Middle  
School  
Carrie Wilhoite, Owen County High School

## **Additional District Contributors**

Sharen Hubbard, Elementary Principal  
Donette Gaines, Middle School Principal  
Duane Kline, High School Principal  
Mark McDaniel, Owen County High School  
Andrew Keltner, Maurice Bowling Middle  
School  
Reggie Taylor, Owen County Board Office

## **Other**

Eric Gray, Parent of MBMS Student

## **School Technology Coordinators**

Mindy Green, Owen County Primary School  
Gail Forsee, Owen County Elementary School  
LeeAnn Gamm, Maurice Bowling Middle  
School  
Carrie Wilhoite, Owen County High School

## **Technology Integration Specialist**

Lisa Allen, Technology Resource Trainer

## **Students**

Ashton Marcum, STLP Student, Owen County  
High School

**Table of Contents**

**EXECUTIVE SUMMARY ..... 1**

**PLANNING PROCESS AND METHODOLOGY ..... 2**

**CURRENT TECHNOLOGY AND RESOURCES ..... 2**

**CURRICULUM AND INSTRUCTIONAL INTEGRATION GOALS..... 3**

**CURRICULUM AND INSTRUCTIONAL INTEGRATION GOALS – EVALUATION..... 5**

**STUDENT TECHNOLOGY LITERACY GOALS ..... 6**

**STUDENT TECHNOLOGY LITERACY GOALS – EVALUATION ..... 7**

**STAFF TRAINING/PROFESSIONAL DEVELOPMENT GOALS ..... 8**

**STAFF TRAINING/PROFESSIONAL DEVELOPMENT GOALS – EVALUATION ..... 10**

**TECHNOLOGY GOALS ..... 12**

**TECHNOLOGY GOALS – EVALUATION ..... 16**

**BUDGET SUMMARY..... 17**

**ATTACHMENTS/APPENDICES (OPTIONAL)..... 21**

## **Executive Summary**

We believe technology is a tool to improve student learning. Teachers are the guides directing students in learning. Technology benefits students in multiple ways. The mission of the Owen County Technology department is to provide the best possible electronic resources to our students and staff to enhance learning and increase student achievement. We have looked at our needs and determined we have needs in the following areas: telecommunications, increased network speed including continued access to wireless in all classrooms, continued use of clicker technologies, cellular phones with telecommunication abilities and Internet access. Further we need better communications among educators, administrators and between school and home. We also need increased network speed with Internet access for our students and staff to access instructional materials for anytime, anywhere learning. Our staff continues to have the need for technology integration instruction to enhance instruction and further develop our staff's use of technology tools for innovative and effective teaching and learning. The need for maintenance of our existing technology still exists so the technology is available anywhere, any time for our students and staff. Our priorities include telecommunications that encompass local phone service, long distance phone service (interlata & intralata), maintenance of our phone system (voice over internet protocol – VoIP) with voice mail and conferencing abilities and continued cellular service. We also need to continue to replace machines at a 20% rate each year.

These services will assist us in increasing communication between school and home and among administrators for safety. Maintenance of our network components is a must. Network access and speed, Internet access, and increased speed/replacement of workstations and servers is necessary to improve the access and speed for our students and staff to electronic media and instructional materials. This includes maintenance of our existing network components, VOIP, video distribution and continued month to month services of basic phone service, internet access, voicemail, continued cellular phone service that would increase our communication abilities among educators, administrators and communication from school to home. We also need to employ the use of clicker systems to free up our computer labs for more instructional purposes rather than testing. Further, we can meet our needs of technology integration with a technology integration specialist. Our need of replacing existing equipment will require purchasing new workstations and servers and our need for continued maintenance on existing equipment will also be a solution to our needs.

## **Planning Process and Methodology**

The technology committee continually discusses the needs of the district and brainstorms for ways we can improve the technology in Owen County Schools throughout the school year. We discuss the success of our technology goals and solutions and make changes accordingly. We have discussed ways to implement the technology and evaluate our success in meeting the goals of our technology plan. We currently use the school improvement plans of each of our schools as well as the district plan to identify ways technology can improve student learning and achievement. We also use these improvement plans to identify the changes to our current technology that are needed. The principals, chief information officer, technology integration specialist and the network administrator participate in school improvement planning and development of the plan for improving each school and the district. This provides insight for technology needs and services that each school will be targeting for the biennium. Our plan is evaluated and revised as needed.

As we reflect on last year's plan, we have remodeled our old middle school and converted it to an elementary school with new wiring, wireless and intelligent classrooms. We have combined our Primary and Elementary Schools as one school in two separate buildings. We have met our goal of maintaining our current switches, video distribution system, subscribing to cellular phone services with Internet access, local and long distance along with Internet access for all students and staff. Further, we have continued to replace 20% of our current inventory of workstations. We were not able to replace 20% of our current server inventory due to budget cuts. We have continued our STLP program for technical support. Our ratios continue to be a minimum of 6:1 on our workstations and have actually improved in that area. In addition, we have improved our wireless access throughout the district. We have wireless access in every classroom and in all commons areas. Every teacher has an iPad for instructional use and we have student sets of iPads at each school.

An evaluation of the previous plan shows we still have goals that need to be met and others that need to continue to be goals. We continue to need to replace 20% of our servers. We need to continue Internet access for all staff and students. We still require cellular phones with Internet access, phone service to all classrooms, maintenance of all equipment, STLP student technical support and training for our teachers.

## **Current Technology and Resources**

Currently, we have an Avaya VoIP phone system throughout the district along with a Nortel/Avaya network. Our servers are aging and need to be on a replacement plan. Workstations are all less than five years old and we have stayed with our 20% replacement plan. The age of our network is two and a half years old. Most all of our workstations are located in labs at the high school and middle school. In addition, the classrooms at the elementary have either 2 student computers or 2 student iPads in each classroom. This is a SBDM decision as to how they distribute their resources. We have 1GB speeds to the desktop and speed across the LAN is 20 GB for middle and high and 2 GB for primary and elementary. Our STLP is still being used to address our technical needs. We continue to carry maintenance on our core network, switches, routers, phone system, Vbrick, etc. and we need to continue that. In addition, our teachers continue to need training in emerging and existing technologies to make the most of what we currently offer as far as technology resources. Our technical staff still needs additional training in emerging technologies.

## Curriculum and Instructional Integration Goals

We envision our schools using technology as a tool to further student achievement and for teachers to deliver instruction that requires higher level thinking skills from our students. We want to see our students using technology to increase their productivity, creativity and further their understanding of core content across all content areas. We also want to use the technology to gather assessment data and make data-driven decisions based on assessment data.

### Goal 1

Use technology to gather assessment data and make data driven decisions based on assessment data.

### Action Plan: Projects/Activities

Project/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
PLAN, ACT and other formative assessments given via workstations and/or Turning Point Clickers with Trident	Data driven decisions based on assessment data.	Student test data will be immediate because of using technology	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	Instructional Supervisor, CIO, Principals, Media Specialists, Curriculum Specialists	KETS, Title I, Erate, local district funds
Maintain current switches, video distribution, VOIP phone system and all servers	Ensure access to instructional and electronic materials for all students and staff	Maintain current network to ensure access for all students and staff	7/1/2012 – 6/30/2013 7/1/2013 – 6/30/2014	CIO, Network administrator, TRT, STLP	KETS, Title I, Erate, local district funds

### Goal 2

Students and staff will use technology to access instructional and electronic materials.

## Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Replace computers with high speed computers @ 20% of our current inventory	Increased access to instructional materials for students and staff. Ensures modern, quality machines to access voice, video and data.	20% of our inventory will be replaced each year so we are on a five year replacement plan.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds, SBDM funds, PTO
Replace 20% of our current inventory of servers with faster speed annually as needed.	Increased access to instructional materials for students and staff.	20% of our server inventory is replaced each year.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds, SBDM funds, PTO
Continue STLP in providing maintenance on our hardware and software.	Increased reliability for access to instructional materials for our students and staff	Network and machines are reliable and working 99% of the time.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds, SBDM funds, PTO
Continue licensing McAfee anti-virus software, server software and productivity software	Continued access to instructional materials for students and staff.	Network and machines are reliable, free of viruses and productivity software is current and industry standard.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds, SBDM funds, PTO

Maintain a minimum of 6:1 ratio of student workstations for all schools. When possible we will replace desktops and laptops with mobile devices (I-pads).	Appropriate access to technology workstations for all students.	6:1 ratio as a minimum for all schools.	7/1/2012 – 6/30/2013 7/1/2013 – 6/30/2014	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds, SBDM funds, PTO
---	---	---	--	--	---

## Curriculum and Instructional Integration Goals – Evaluation

Teachers continue to need guidance in how to best guide students in using electronic resources and the proper use of technology – digital citizenship is a critical piece. Delivery of professional development into the classroom is crucial to the implementation and evaluation of use of technology and its integration into the curriculum.

The plan must have clear goals and a specific implementation plan detailing how technology will be integrated into curriculum and daily instructional practice. This includes a description of:

- 1) Rigorous academic courses and curricula will continue to be offered in face to face classrooms and in distance learning opportunities for students. This includes KVHS and college classes being offered via the Internet. In addition, credit recovery will be offered using distance learning and the Internet to meet the needs of all students.
- 2) The distance learning and face to face classrooms with MAP, PLAN, ACT, and other formative assessments will show college and career readiness for our students as a direct result of curriculum that is aligned with the Kentucky Core Academic Standards and goals. Exit slips and flashbacks will be used in all classrooms along with I Can statements to guide students in achieving academic goals and standards.
- 3) MAP, ACT, PLAN, other formative assessments, student work and teacher lesson plans will be used as indicators and accountability to measure and evaluate the extent that activities are effective in integrating technology into instruction. These assessments along with walk-throughs, teacher evaluations and student work samples will be used to evaluate and direct instruction to meet challenging state academic standards.
- 4) Using the data from above, if results are not met, the data will be shared with staff, board of education members, school leadership along with district leadership and measures will be taken to improve student achievement. The longitudinal data will show growth and evaluation of that data will direct instruction. Using PD 360 and Observation 360, we will be able to see where we are at any given time!

## Student Technology Literacy Goals

Technology skills and resources will be incorporated into every day learning and instruction. The District will also incorporate the Technology Framework created by the state’s TRT organization.

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 Technology Tools for students

Students graduating from Owen County Schools will be competent users of technology tools; they will understand when technology is an appropriate tool to complete a task as well as which technology is best suited to a given task.

#### Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Review state and national student technology standards and incorporate them into district curriculum guides as appropriate.	Technology will be better integrated into curricular areas.	Students will be competent users of technology tools.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent	KETS, Title I, Erate, local district funds, SBDM funds, PTO
Classroom lessons will integrate technology resources to enhance student learning.	Technology will be better integrated into curricular areas.	Students will be competent users of technology tools.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent	KETS, Title I, Erate, local district funds, SBDM funds, PTO
Daily classroom instruction will include technology to enhance learning.	Technology will be better integrated into curricular areas.	Students will be competent users of technology tools.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals	KETS, Title I, Erate, local district funds, SBDM funds, PTO

## Goal 2 Digital Citizenship

Daily curriculum will integrate technology to improve learning and teaching and promote student responsibility for individual learning.

### Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
All students and faculty will complete training in Digital Citizenship and proper usage.	Technology will be better integrated into ALL curricular areas.	AUP signed and in place, decrease in cyberbullying	7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Teachers, STLP	KETS, Title I, Erate, local district funds, SBDM funds, PTO
Continue the district's commitment to selection of quality software with strong curriculum ties and appropriate use.	Technology will be better integrated into ALL curricular areas.	Software that supports instruction will help students achieve all instructional goals	7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Teachers, STLP	KETS, Title I, Erate, local district funds, SBDM funds, PTO

## Student Technology Literacy Goals – Evaluation

Assignments posted on teacher web pages or to online classes. Teachers will also develop online classrooms for students.

- 1) Student assignments will be posted on teacher websites or to the online classroom.

- 2) The goals to enhance students' 21<sup>st</sup> Century skills of critical thinking, communication, collaboration and creativity will be evident through teacher lesson plans and student products. We will celebrate these achievements by recognition at board meetings and posting student work on the Internet.
- 3) The instructional materials or electronic resources needed to support all of these strategies include webhosting and online classroom tools that are accessible to students and teachers 24 x 7, anytime, anywhere. In addition, the teacher lesson plans, course syllabi and student work will demonstrate the use of these strategies.
- 4) Data from walk-throughs, teacher evaluations, lesson plans, end of course assessments, PLAN, ACT, GRADE, MAP and other formative assessments will be used to gather data. Administration and teacher leaders will examine the data and will adjust instruction accordingly. The data will be shared with all staff, board of education and public via the board meetings.

## Staff Training/Professional Development Goals

The goal of technology professional development is to build capacity in the schools by training teachers in key areas. Teachers will receive direction training which is job embedded that will provide them with continuous learning and access to resources. The goal is for teachers to share and support their peers in grade level/departmental meetings in all areas of technology instruction.

### Goal 1

Provide a technology resource training to train teachers right in their classrooms to use technology in support of instruction.

### Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Increase teacher proficiency and literacy in technology based on the ISTE teacher standards.	Teachers select appropriate tools to instruct students across all content areas	Indicated by student work, teacher lesson plans and walk-throughs and principal evaluations of the teachers.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	TRT, CIO, Principals, Superintendent, Network administrator	KETS, Title I, Erate, local district funds, SBDM funds, PTO
Provide appropriate training for administrators, central office staff, and school staff so that all may realize	Administrators will select appropriate tools to lead school staff and teachers in integrating	Indicated by staff meetings, presentations, administrator	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	TRT, CIO, Principals, Superintendent, Network administrator	KETS, Title I, Erate, local district funds, SBDM funds, PTO

the benefits of technology in their work.	technology across all content areas	meetings and email communications.			
All faculty will complete training in Digital Citizenship and proper usage.	AUP training with digital citizenship component for all new hires and existing employees.	AUP sign in sheets. Daily appropriate use of technology and TMG reports.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	TRT, CIO, Principals, Superintendent, Network administrator	KETS, Title I, Erate, local district funds, SBDM funds, PTO

## Goal 2

Promote the effective uses of technology as a criterion in hiring, retention and evaluation.

### Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
As part of our hiring practices, new hires will have performance activities to demonstrate effective use of technology tools.	Candidates will be better able to show technology competencies	Level of technology skills noted on annual evaluations	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Principals, Superintendent, Network administrator	KETS, Title I, Erate, local district funds, SBDM funds, PTO
Encourage use of technology as a Professional Growth Plan goal for staff.	As teachers improve their knowledge and skills, their instructional practice should also improve student learning experiences	Level of technology skills noted on annual evaluations	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	TRT, CIO, Principals, Superintendent	KETS, Title I, Erate, local district funds, SBDM funds, PTO

Continue to use the current evaluation tool to evaluate technology standards, incl Standard 6 and PGES	Proficiency of teachers in technology will improve instructional program	Evaluation plan includes evaluation of Standard 6.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	TRT, CIO, Principals, Superintendent	KETS, Title I, Erate, local district funds, SBDM funds, PTO
--	--	--	--	--------------------------------------	---

### **Staff Training/Professional Development Goals – Evaluation**

Teachers, staff and administrators are evaluated annually and must show technology competencies in daily communications, student attendance, data analysis and communication with parents, board members and the public. All staff including the following will have the necessary training needed to do the best possible use of technology in the day in and day out activities of their jobs. The current level of ability of staff to utilize technology and the increases in competencies sought through professional development activities.

#### **School Technology Committees**

- School Technology Committees work throughout the year to coordinate activities and staff development in their schools. Schools have written a consolidated plan which includes the school technology plans and update them as needed. They use yearly assessments to plan for the next school year.
- School Technology Committees develop a plan for the hardware and software needs of the school. They determine the importance of each need and decide on the implementation.

#### **Technology Resource Trainer (TRT)**

- TRT's serve as technology coordinators at each school. They receive ongoing training and are a critical component of network and instructional support to schools.
- TRT's will maintain school websites, with the assistance of staff, students, and parent contributors. Websites guide student learning, publish student work, and structure the effective use of the internet.
- TRT's coordinate courses and workshops. Courses are offered in a variety of formats and times, including during and outside of the school day and the school year

#### **Principals**

- Principals are responsible for implementing the Acceptable Use Policy for every individual in the building with access to the network.

- Principals are responsible for fostering technological instruction with the faculty to be integrated into instruction.
- Principals in each building will be responsible, with the backing of the SBDM Council to ensure technology skills are met at ALL grade levels.

## Technology Goals

We envision our schools using technology as a tool to further student achievement and for teachers to deliver instruction that requires higher level thinking skills from our students. We want to see our students using technology to increase their productivity, creativity and further their understanding of core content across all content areas. We also want to use the technology to gather assessment data and make data-driven decisions based on assessment data.

### Goal 1 Communications and Internet Access

Increase communications among educators, administrators and between school and home to ensure better communication is possible between school and home. In addition, safety will be increased with increased communication capabilities.

#### Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Subscribe to cellular phone service with Internet access	Increased communications between school and home while also providing safety for our students.	Cellular phone service with Internet access will be provided to all eligible staff.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds
Purchase cellular phone equipment for cell phone use	Increased communications between school and home while also providing safety for our students.	Cellular phone service with Internet access will be provided to all eligible staff.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds
Pursue Network Extender for the Middle School to provide cellular service for safety.	Increased communications and providing safety for our staff and students.	Cellular phone network extender for the middle school will be provided.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Network Administrator, STLP	KETS, Erate, Local district funds.

## Goal 2 Telecommunications

Secure Telecommunication services for local, long distance and Internet access for the entire district so students and staff have access to instructional resources.

### Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Secure local phone service for all classrooms and staff.	Increased communications between school and home while also providing safety for our students.	Local phone service is obtained.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds
Secure long distance service (interlata & intralata) for all classrooms and staff.	Increased communications between school and home while also providing safety for our students.	Long distance service is obtained.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds
Secure Internet Access for all students and staff	Increased access to instructional resources and data.	Secure Internet access is secured for all students and staff.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds
Secure cellular phone service with data and Internet services	Increased communications between school and home, admin to admin while also providing	Cellular phone service with data and internet services is secured for all eligible staff.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals,	KETS, Title I, Erate, local district funds

	safety for our students.			Superintendent, STLP	
Webhosting services will be secured that allow teachers, students, staff and parents anywhere, anytime access to online classrooms and technology resources.	Increased communications between school and home along with online classroom opportunities for teachers and students.	Online classrooms will be maintained and links to email, infinite campus and parent portal will be maintained.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds

### Goal 3 Maintenance

Maintain all technology systems and infrastructure to support the needs of the district, schools and students.

#### Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Maintain current switches, video distribution, VOIP phone system and all servers	Students and staff will have access to all technology systems and electronic resources.	All systems operational and effective.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds
Maintain workstations to be on a five year replacement plan.	Students and staff will have access to all technology systems and electronic resources.	All systems operational and current.	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds

### Goal 4 Current Software & Operating Systems

All workstations and servers will have the most current and up to date software and operating systems.

**Action Plan: Strategies/Activities**

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Continue with the Microsoft School Agreement to provide the most current operating systems, productivity software and email access to all staff and students.	Students and staff will have access to all technology systems and electronic resources.	All machines will be on Windows 7 and Office 2013	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds, rural schools grant
Continue to provide the most current server operating systems to maintain our network stability and security.	Students and staff will have access to all technology systems and electronic resources.	All Servers will be on Windows Server 2008 R2	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS, Title I, Erate, local district funds, rural schools grant
Continue to provide the Office 365 for all students and staff with SkyDrive Pro so all students and staff can access instructional tools anywhere, anytime.	Students and staff will have access to productivity tools anytime, anywhere.	All students and staff access to Office 365	7/1/2014 – 6/30/2016 7/1/2014 – 6/30/2016	CIO, Instructional Supervisor, Network administrator, Principals, Superintendent, STLP	KETS,

## **Technology Goals – Evaluation**

The technology department will keep a current electronic inventory along with notifying school staff when they should be replacing their existing workstations for budgeting purposes. The plan will be revisited at each district technology committee meeting to monitor progress toward goals and to make corrections in response to any new developments as they arise. The district activities will be followed closely with the school improvement plans and the consolidated district improvement plan. The instructional environment will be used to gauge the success of the technology along with teacher lesson plans, student work and observations and walk-throughs. Our SIS has online access to grades and information. Because everything will now be going through a portal, it is critical that ALL teachers and administrators keep up-to-date information available. It is important that ALL teachers have the necessary skills to do their jobs efficiently and be able to teach students the necessary application of technology usage.

## Budget Summary

**Note: duplicate this page for each year as needed (if a multiyear plan)**

- 1) List the professional development and technologies to be acquired during each year of the agency's plan.
- 2) List all funding sources for recurring services, anticipated purchases, and professional development.
- 3) Include the total of all technology resources to support the district's technology initiatives.
- 4) Note: At least 25% of the funds allocated to an LEA through the Title IID ED Tech Program (Competitive and Non-Competitive), must be allocated for professional development activities.
- 5) This information will be helpful in completing Item 25D on the E-Rate Form 471.

Acquired Technologies and Professional Development	Ed Tech Competitive Title IID	Ed Tech Formula Title IID	E-Rate	NCLB/other than Title IID	KETS	Other (Specify)
Conference Fees, memberships, professional development					\$5000	\$2000 Non-KETS Technology local district funds
STC Stipends 854 * 4 plus benefits						\$3516 Non-KETS Technology local district funds
Recycling old Computer Equipment						\$800 local non-KETS
Maintenance on Switches & Core Network			11,100			
Maintenance on Phone System			13,800			
Maintenance on Video Distribution System			24,300			
Infinite Campus Costs \$8.25 x # of students 1950					\$16088	
Software Costs for All Servers					\$800	

<b>Acquired Technologies and Professional Development</b>	<b>Ed Tech Competitive Title IID</b>	<b>Ed Tech Formula Title IID</b>	<b>E-Rate</b>	<b>NCLB/other than Title IID</b>	<b>KETS</b>	<b>Other (Specify)</b>
MUNIS Cloud (\$1,346.75/quarter)						\$5400 General Fund
Microsoft School Agreement					13,000	
Operating Materials for Photo ID Machine						\$850 General Fund
Operating Materials for PosterMaker						\$4000 General Fund
Servers, Need 4					\$16,000	\$16000 General Fund
Replacement of computers staff & student 115 comp * 646.55						\$74,724 General Fund
Student Wages for both summer and during school year workers						18,500 General Fund
Consumables for Printer & CDs/DVDs					\$4,000	
Install Apple TVs in all classrooms and finish sound with ATV Pro for non-HDMI projectors and HDMI for rest						12,720 General Fund & Title I
Student iPads - middle school and elementary						\$38,000 General Fund
Web Hosting						\$3000 Gen Fund
Registration Fees - PD						\$4000 General Fund

Acquired Technologies and Professional Development	Ed Tech Competitive Title IID	Ed Tech Formula Title IID	E-Rate	NCLB/other than Title IID	KETS	Other (Specify)
Postage						\$150 General Fund
Travel - Lodging/Mileage						\$4,000 General Fund
Add'l Tech Supplies						\$5,000 General Fund
Replacement parts						\$2000 General Fund
Membership Dues/Fees						\$3000 General Fund
<b>TOTAL</b>	0	0	\$49,200	0	\$54,888	\$197,660 Gen Fund

## **Budget Summary – Narrative**

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. Owen County Schools is a leader in the area of technology and we want to stay there. In order to do that we have to use a combination of KETS, Erate, SBDM monies, PTO, General Fund and Title I monies along with Rural Schools Grant money to continue to provide our students and staff with the appropriate funding sources to make our plan work. We continue to need to provide a CIO, network administrator and technology resource trainer along with using STLP students as our technical support. Without all of these funding sources and resources, we would not survive.

**Attachments/Appendices (Optional)**