Technology Plan
Fulton Independent School
Fulton, Kentucky

http://www.fultonind.kyschools.us

Creation Date: October, 2013
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Approved By Board of Education on:

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Executive Summary

The Fulton Independent School District has always worked hard to achieve technology integration into every facet of the curriculum and operations. From on-line courses to electronic attendance reporting, the district works to use various types of software and hardware to improve academic achievement, enhance technology literacy, and increase productivity. Technology as a tool is integrated into instruction at every level of the educational process. Students begin in preschool learning computer skills and other technology skills to aid them in their learning. The elementary building has one full and one mini computer lab with web based software that is utilized to promote computer literacy and core content learning. The middle/high school building has two full labs and three mini-labs available to the students with computers, air liners, projectors, document cameras, and web based software available to all students in grades PreK - 12. The alternative classroom also has a mini-lab for students who are assigned to the room and need access to the Internet and/or their teachers. The district has *A+ Software* used for remediation and credit recovery. All teachers have classroom computers, projectors and air liners they use as tools in their classroom daily to reinforce core content in reading, math, science, social studies, practical living, vocational studies, and arts and humanities. Special education students have assistive technology as needed to meet their special needs, and teachers use *Read and Write Gold* as well as other software tools to aid in needed modifications.

An emphasis on reading and math improvement will be the focus in the next three years and the committee has developed ways to incorporate technology into this district wide goal. Math and reading web based software has been purchased and technology will be used as a tool to help the district achieve this goal. This software will be able to be accessed at home for parents and children to work on together.

Technology literacy has been implemented and students will be required to provide evidence of the ability to use technology to produce a quality product. Students and staff will be assessed as to their level of computer literacy and then taught needed skills to reach proficiency. Students, parents, and staff access to learning technologies, both during and after school, will be expanded through the use of web based software, an upgraded district web site, and increased communication of technology availability.

The district will continue to provide training on Infinite Campus so that the administrators, teachers, and staff can use IC effectively in the school district.

As funds become available, outdated computers that will no longer run on our network will be replaced starting with the oldest and moving forward each year.

The CIO will continue to apply for E-Rate funding to provide a strong network. All of the network and the phone system have been upgraded using funds from the E-Rate program to ensure the technology infrastructure remains robust and able to handle the needs of the staff and students.

The CIO will apply for funding for a web hosting service to continue with the current district website for better communication with parents and the community.

Planning Process and Methodology

The technology committee met January 21, 2014 and discussed the technology plan. The committee reviewed the old plan and concluded that most of the goals in the old plan had been met; therefore, a new plan should be developed based on current needs and priorities. The committee members then shared technology software and hardware that was working in the district and shared needs that they saw in classrooms.

Professional Development will be offered to specific teachers (according to growth plans.). Beginning and advanced classes will be taught by teachers. The training would include new and existing technologies that are available for our teachers and students to use.

The committee discussed using Digital Driver's License, which is paid for by the state department, to allow students access to the district's wireless network. It was decided that if we moved forward with this initiative, that students would have to complete the program every year in order to gain access to the district's wireless account instead of the guest account.

The principals will also help to assess the plan through their evaluations, observations, professional development plan and review of teacher lesson plans. Walkthroughs will be done regularly to observe teachers while using technology. Improvements can be discussed and used for upcoming Professional Growth Plans.

The superintendent discussed the lack of funds to replace outdated computers. Due to the projected cuts in SEEK, technology purchases will be funded only as problems arise. The assistant principal inquired about purchasing more Ncomputing devices. The DTC said it would cost approximately $200 per station.

The committee reviewed and revised the curriculum and instructional integration goals, the student technology literacy goals, the staff training and professional development goals and the technology goals. Timeline dates will need to be adjusted throughout the plan. The budget summary was also reviewed and revised reflecting the cuts in funding.

Current Technology and Resources

The Fulton Independent School is committed to having a successful and effective technology program. The district is small therefore teachers are able to easily share technology resources that are available as well as use their own. Efforts to create 21st Century classrooms are being pursued through use of available funds and grant applications. The district has a 1:5 ratio of student computers with six computer labs available to the teachers and students throughout the day and computers in the classrooms. The labs need to be upgraded as the computers cannot run the new software and the updates that are coming in from the state. Every classroom is equipped with a projector and Airliner technology including all special education classrooms, media centers and computer labs. *United Streaming, Accelerated Reading, IXL Math, Brain Pop, A+ Curriculum, Moby Max, CERT, Aimsweb, Grade, GMade, and Infinite Campus* software are available and used throughout the district on a daily basis for students to become College and Career Ready (CCR). Science teachers have document cameras and math teachers have *InSpire* calculators to enhance teacher instruction and student learning. Special education teachers and regular education teachers use *Read and Write Gold* software for modification, differentiation, and writing development. High school students are able to take online credits, including dual credits through local colleges, which help with student proficiency. There is a need to upgrade the student machines in the classrooms as they are dated, their components are failing and Microsoft will no longer support Windows XP, which is the operating system that is used by 80% of the machines in the district.

 The district is very fortunate to have multiple staff resources to aid us in the implementation and continuation of the technology program. The CIO manages the district's technology program, troubleshoots daily over the phone, prepares documents for the state department and manages the E-Rate program. A part time technician shared with three other districts, comes once or twice a week to repair any problems in the classrooms, labs, media centers, network, or administrative offices. He is on call for our district at all times if there is a major problem in the network. He also installs new equipment for the teachers, computers for the labs, and upgrades to the network as needed. He and the CIO work together to ensure that the technology program continues to work smoothly and that the technology needs are met. Different teachers have worked to become in house trainers on different software that is available in order to train and provide help to all of our teachers on an as needed basis. Professional development on the new hardware and the available software has been provided.

The district has two buildings with the configuration of P-6 and 7-12. We are a one school district with 90% of our students qualifying for the Free and Reduced Lunch Program under the E-Rate classification and 80% of our students are classified as minorities under the Title I classifications. All students, including those with special needs, have equal access to all technologies available in our district and all labs are handicapped accessible and meet ADA requirements. Assistive technology is available and provided for students with special needs. The Family Connection is available for students after school hours and the 21st Century Grant is provided for grades 3 – 8 for after school remediation and enrichment.   Software is available during and after school for students and teachers to access for remediation and enrichment. The district plans to use E-Rate funds to continue paying for telephone, long distance service, and fiber connections.

Curriculum and Instructional Integration Goals

Goal 1

Effective uses of technology integration into curricula and instruction will be pursued to improve student academic achievement.

Action Plan: Projects/Activities

Project/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Teachers will continue to use air liners and projectors on a daily basis.	Students will be taught using visual, oratory, and kinetic learning styles to better meet their learning. More in depth knowledge will be available for students.	Principals will document through observations and evaluations more differentiated methods of teaching addressing learning styles.	On-going	Becky Fisette Scott Lawrence Teachers Donna Garland Sondra Gibbs	Title I Local Board KETS USF PD

Goal 2

Innovative Strategies and Courses will be developed in order to provide rigorous academic courses through the use of technology.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Courses such as web design and sports marketing will be part of the curriculum.	Students will be more technologically literate and have knowledge of how to use skills in the work place.	Pre and post assessment on web based technology literacy assessment.	On-going	Chad Malray Yvonne Phillips	Title I Perkins
Partnerships with WKCTC and MSU will continue in order to offer on-line college credit courses for dual-credit.	Students will be able to begin preparing for post-secondary education.	Assessment by professor of on-line course.	On-going	Mindy Rose	Special Program funded by local donors Local Board

Curriculum and Instructional Integration Goals – Evaluation

Teachers will be evaluated on integration of technology into the curricula through the Kentucky Department of Education subject area standards.

Teachers will also be observed through walk throughs conducted by school and district administrators and charted through a district approved walkthrough form that records the use of technology integration.

Teachers will also be evaluated by their lesson plans and unit plans that include integration of technology. These plans are be submitted to the principals and kept on file in the principal's office.

Student Technology Literacy Goals

Goal 1

Students demonstrate a sound understanding of the nature and operations of technology systems by the end of the eighth grade.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
The schedule will include technology literacy classes in K-8.	Students will be able to demonstrate a growing knowledge of the nature and operations of technology systems and usage.	The master schedule at both buildings will reflect instructional time for computer literacy.	On-going	Donna Garland Sondra Gibbs	No funding necessary.

Goal 2

Students use technology to learn, communicate, increase productivity and become competent users of technology.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Students will use technology in their learning projects to increase competency in using technology.	Students will become proficient in integrating technology into their daily lives and their future occupations.	Teacher rubrics Teacher assessments	On-going	Teachers	District Title I

Student Technology Literacy Goals – Evaluation

Student Technology Literacy Skills will be evaluated on an ongoing basis. Students will be assessed on their technology skill by the completed projects in each subject area.

Teacher assessment of technology projects using rubrics designed by the teachers and other teacher designed assessment tools will be done throughout the year for students in K-12 in order to assess technology literacy and application of skills.

Staff Training/Professional Development Goals

Goal 1

Teachers will demonstrate proficiency in using new and existing technologies as instructional tools after having participated in professional development activities.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
CIO will attend a two day district technology conference with local and regional trainers on new and existing technologies.	Teachers will be trained from a variety of technology to expand their knowledge and integrate it into their lesson plans.	Lesson Plans; Hands-on learning	On-going	Becky Fisette Scott Lawrence	PD Funds Local Board

Goal 2

Teachers will be able to effectively integrate technology resources and systems into their instruction to increase student proficiency in academic achievement.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Teachers will work with online reading and math programs, such as Moby Max, Aims Web, and CERT, to find ways to differentiate reading and math instruction in order to meet different learning styles of the students.	Teachers will learn how to use a research based reading and math software program and student achievement in reading and math will increase.	Increased reading and math scores on the KPREP Increased scores on teacher assessments	May 2017	Teachers Lab Assistant	PD Funds

Staff Training/Professional Development Goals – Evaluation

Professional Development and staff training, according to Professional Growth Plans will be utilized by the Fulton Independent District through consultants, faculty, online classes and workshops. Evaluations will be provided according to course.

The district also provides individual and small group training on new and emerging technology that can enhance student learning and teacher efficiency and effectiveness.

A survey of teachers about their technology needs will be conducted in order to best meet the needs of the faculty and staff.

Technology Goals

Goal 1

A comprehensive P-12 technology program will be developed and implemented district wide to improve technology accessibility, literacy, societal issues and productivity in order to enhance academic achievement for all students.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
The technology committee will develop a comprehensive plan for the district.	Student achievement will be enhanced with the implementation of a comprehensive technology program.	KPREP scores will provide baseline scores to determine how technology can used for current societal issues, and improve scores The technology committee will meet bi-annually to evaluate the plan	October 2014 April 2015 October 2015 April 2016 October 2016 April 2017 October 2017	Becky Fisette	No funds necessary.
The Technology Plan will be shared with the teachers and approved by the board of education.	Teachers and Board Members will have an opportunity for input into the plan in order to ensure support and success.	Evaluation by committee at bi-annual meetings	February 2014 Review by teachers April 2014 Approval by the board	Becky Fisette Tamara Smith	No funds necessary.
The technology committee will be the PIE Team for the technology program.	Teachers and students will use technology to increase their productivity and academic achievement.	The PIE team will meet to plan activities, implement the strategies, and evaluate the results.	On-going	Becky Fisette	No funds necessary.

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Goal 2

Teachers and students will use advanced technology to improve student academic achievement aligned with state academic content and achievement standards.

Action Plan: Strategies/Activities

Strategy/Activity	Instructional Outcome	Indicator	Timeline	Person(s) Responsible	Funding Source
Teachers will use a variety of devices and programs to enhance core content units.	Teachers will be able to provide more in depth instruction and teach to different learning styles.	Teacher evaluations, lesson plans, student scores and KPREP testing.	On-going	Becky Fisette Scott Lawrence DeAnna Miller Sondra Gibbs Donna Garland	No funds necessary.
Microsoft Surface tablets will be purchased in small quantities over time as funding is allowed.	Teachers will be able to provide more in depth instruction and teach to different learning styles.	Teacher evaluations, lesson plans.	July 1, 2014	Becky Fisette Tamara Smith Scott Lawrence Donna Garland DeAnna Miller Deborah Heisel	KETS Local Board IDEA
Student computers will be replaced on an as needed basis.	Teachers will be able to provide more in depth instruction and teach to different learning styles.	Lesson Plans, Student scores and testing.	On-going	Becky Fisette Scott Lawrence Tamara Smith DeAnna Miller Donna Garland Deborah Heisel	KETS Local Board IDEA Title I

Technology Goals – Evaluation

Evaluation of the previous plan's goals by the District Technology Planning Committee determined successes, modifications, and next level implementations. The 2014 – 2017 Technology Plan Goals build on to the accomplished goals of the 2012– 2014 Plan. The common theme of improvement is next level approaches. The 12-14 Plan focused more on accountability of programs and next level student performances (more specifically 21st Century Skill Sets and Technology Literacy). The 14-17 Plan will continue its focus in these same areas. Additionally, the Goal of the 2014-2017 Plan focuses on societal issues facing teachers, students, and parents when it comes to Web 2.0 Accesses (more specifically Social Networking – picture posting, personal information, web cam access, blogging, texting, sexting, and on-line chatting.) Digital Driver's License can be implemented to meet these needs.

Budget Summary   2014 - 2015

Acquired Technologies and Professional Development	E-Rate	NCLB/other than Title IID	KETS	Other (Specify)
CIO attend KYSTE Conference			1,000.00	
Infinite Campus Maintenance				2,500.00 (DPP)
Part-time Technician				25,000.00 (Local Board)
Full Time DTC/CIO				40,000.00 (Local Board)
Fiber Lines	7,500.00			750.00 (E-Rate Match)
Telephone Service	12,600.00			1,260.00 (E-Rate Match)
MUNIS Maintenance				6,500.00 (Board)
Telephone Maintenance			2,000.00	
Maintenance on Switches			2,500.00	
Web hosting service	3,750.00			375.00 (E-Rate Match)
IXL Math				1,500.00 (Title I)
AR/Star Reading & Math				3,600.00 (Title I)
Read & Write Gold Renewal				750.00 (IDEA)
Projector Bulb				750.00 (Board)
Computers				12,500.00 (IDU Funds if restored)
Microsoft Surface Tablets				6,000.00 (Board if funding allows)

KYVL				850.00 (Board)
Moby Max License				500.00 (Board)
TOTAL	**23,850.00**	**.00**	**5,500.00**	**102,335.00**

Budget Summary   2015 - 2016

Acquired Technologies and Professional Development	E-Rate	NCLB/other than Title IID	KETS	Other (Specify)
CIO attend KYSTE Conference			1,000.00	
Infinite Campus Maintenance				2,500.00 (DPP)
Part-time Technician				25,000.00 (Local Board)
Full Time DTC/CIO				40,000.00 (Local Board)
Fiber Lines	7,500.00			750.00 (E-Rate Match)
Telephone Service	12,600.00			1,260.00 (E-Rate Match)
MUNIS Maintenance				6,500.00 (Board)
Telephone Maintenance			2,000.00	
Maintenance on Switches			2,500.00	
Web hosting service	3,750.00			375.00 (E-Rate Match)
IXL Math				1,500.00 (Title I)
AR/Star Reading & Math				3,600.00 (Title I)
Read & Write Gold Renewal				750.00 (IDEA)
Projector Bulb				750.00 (Board)
Computers				12,500.00 (IDU Funds if restored)
Microsoft Surface Tablets				6,000.00 (Board if funding allows)

KYVL				850.00 (Board)
Moby Max License				500.00 (Board)
TOTAL	**23,850.00**	**00.**	**5,500.00**	**102,335.00**

Budget Summary   2016 - 2017

Acquired Technologies and Professional Development	E-Rate	NCLB/other than Title IID	KETS	Other (Specify)
CIO attend KYSTE Conference			1,000.00	
Infinite Campus Maintenance				2,500.00 (DPP)
Part-time Technician				25,000.00 (Local Board)
Full Time DTC/CIO				40,000.00 (Local Board)
Fiber Lines	7,500.00			750.00 (E-Rate Match)
Telephone Service	12,600.00			1,260.00 (E-Rate Match)
MUNIS Maintenance				6,500.00 (Board)
Telephone Maintenance			2,000.00	
Maintenance on Switches			2,500.00	
Web hosting service	3,750.00			375.00 (E-Rate Match)
IXL Math				1,500.00 (Title I)
AR/Star Reading & Math				3,600.00 (Title I)
Read & Write Gold Renewal				750.00 (IDEA)
Projector Bulb				750.00 (Board)
Computers				12,500.00 (IDU Funds if restored)
Microsoft Surface Tablets				6,000.00 (Board if funding allows)
KYVL				850.00 (Board)

Moby Max License				500.00 (Board)
TOTAL	**23,850.00**	**00.**	**5,500.00**	**102,335.00**

Budget Summary – Narrative

The Fulton Independent School District is a small district with limited resources. In order to meet the goals and objectives of the Technology Plan and the District Improvement Plan, the district coordinators, administrators, and teachers work together to coordinate activities and share resources. The technology committee and the curriculum committee collaborate with each other so that the dollars being spent on technology will benefit teachers and enhance learning for all students, including gifted and talented students and those with learning disabilities. The Technology Plan goals and objectives will be funded through various funding sources including KETS, Title I, Carl Perkins, IDEA, E-Rate, PD funds and Local Board funds. The plan, while emphasizing reading and math as special academic needs for the next three years, includes funding for the labs, and renewal and maintenance of software packages purchased to enhance instruction and learning.

Teachers will receive both beginning and advanced training on how to use the hardware and software purchased during this time. There will continue to be district wide trainings on how to update content to the District website. This will be taught by the DTC, webmaster, and teachers.

If funding allows, Microsoft Surface Tablets will be purchased in small quantities for the added benefit of teaching technology and core subject matter to students.

The CIO will attend the KYSTE Conference which will cost approximately $1,000, paid for out of KETS.

Professional Development funds, IDEA funds, Title I, and Perkins will be used to fund any PD trainings and conferences.

The computer labs and student machines in the classrooms are on a rotation for replacement. Money is included each year to replace the three large labs (K-6, 7-8, and 9-12 labs) if IDU funding is restored from the state level.

The last part of the budget is paid by the board. It is personnel and we have a full time CIO and a part time technician. Between the two of them, they keep our program going and our technology repaired. The CIO monitors the entire technology program. The cost of the support team is $65,000.00.