Fayette County Board of Education
School Technology Plan

General Information

A. School: Fayette Middle School

B. Years of the Plan: 2012 – 2013

C. Date Submitted: 3/15/13   ,

Technology Plan Component Checklist

Technology Plan Document: _____

School Technology Inventory: Date Submitted ___9/1/12_____

School Technology Budget: Date Submitted___10/1/_____

Technology Assessment Survey Information

Number of Administrators in the School__2____
Number of Administrators that completed the Assessment Survey__0____

Number of Teachers in the School_____29 1/2_
Number of Teachers that completed the Assessment Survey__15___

Approvals

Linda Thigpen_____   _____   _____
Technology Committee Chair   Date   Signature

Rodney Hannah_____
School Principal   Date   Signature

Sue Tucker_____   _____   _____
District Technology Coordinator Date   Signature

Fayette County Board of Education
School Technology Plan

School Technology Committee Members

Name	Position	School or Business
Rodney Hannah	Principal	FMS
Linda Thigpen	Committee Chair	FMS
Linda Thigpen	Media Specialist	FMS
Community Rep.		
Elizabeth Webster	Teacher	FMS
Melanie Trull	Teacher	FMS
Julie Moore	Teacher	FMS
Cameron Canterbury	Teacher	FMS
Jocelyn Stocks	Teacher	FMS

I. Vision Statement for the School

The mission of our Technology Department is to meet individual student needs by providing current, innovative, and emerging technology as integral tools for classroom teaching and learning. Working toward interactive classroom environments will empower students to actively participate in continuous learning opportunities that will allow them to demonstrate improved achievement and readiness for the challenges of today's technological society/The district will continue to assess the technology needs and upgrade the networks (WAN, Internet, LAN, etc.) as needed.

II. School Demographic Information

Fayette Middle School has an enrollment of 465 students. The Faculty is made up of 2 administrators, 1 guidance counselor, 1 media specialist, 27 teachers,1 half-day teacher, 1 school nurse, 2 custodians, 1 secretary, 1 bookkeeper, 5 teacher aides and 465 fifth thru eighth grade students.

III. Student Technology Available

Each classroom has a minimum of one desktop computer and in most classrooms teachers have at least one laptop with wireless capabilities that allow access to the Internet. Computers in the library are available for students to have access to the library catalog for searching and research. Students have access to rolling laptops and desktop labs to do school related projects.

The library has a mini-lab that is used for reading skills enhancement, Internet research, and for search the library catalog for searching for and checking out books. Our computer labs consist of 20+ computers that are all connected to the LAN. They have the following applications installed:

- Microsoft Office 07 and 10
- Renaissance Place

    Accelerated Reader

    STAR Reading

    STAR Math

- Skills Tutor
- INOW

Other programs are available on specified computers in the school to target individual skill needs and to enhance the students learning experience.

IV. Technology and Curriculum Integration

- . Teachers are using integrated technology projects to provide a learning experience in the classroom.
- Multiple applications are being used to create presentations, databases, spreadsheets, websites, and other project as dictated by hardware usage.
- District and school websites are updated weekly providing continuous opportunities for communication between schools and the community.
- The Following are used to enhance classroom instruction:
    Virtual Field Trips
    Interactive white boards
    Mimios
    Classroom Response Systems (CPS)
    APT Plus
    Intel Readers
    Interactive Tablets
    Document cameras
    Smart Tables
    iPod Touch
    iPads
    Flip video Cameras
    Handheld GPS

Pole Vault System
Voice Lift
AMSTI
School In Sites

V. Measures To Ensure Information Security

Internet security is provided at the district level as follows:
- **INTERNET FILTERING AND VIRUS PROTECTION:** A Firewall/Network Security Solution is in place
- **INTERNET FILTERING:** Alabama SuperComputer 8e6 content filter

VI. Process of Developing and Approving Our Plan

Fayette Middle School's Technology Plan was developed using the Fayette County Technology Plan as a guideline

VII. Process of Monitoring our Plan and Assessing Progress

Fayette Middle School will use physical items, such as plans, reports, observations, that enable the researcher to document, monitor and assess our technology progress. The physical items described such as surveys, observation, online assessments, and lesson plans.

GOAL 1: TECHNOLOGY INTEGRATION AND MASTERY OF STANDARDS

Students, teachers, and administrators will effectively use technology as an integrated tool for teaching, leading, and learning to master local, state, and national standards.

1A. Our Local Interpretation of Goal 1.

All Fayette County School District students, teachers, paraprofessionals, and administrators will effectively use technology as an integrated tool for teaching, leading, and learning to master local, state, and national standards.

1.B Ideal Performance *(when we have achieved Goal 1, we will see the following).*

• Begin acquiring interactive whiteboards or MOBI tablets for all core classes
• Continue providing ceiling mounted (as requested) projectors for all teachers.
• Upgrade 5th and 6th grade labs. (6th Grade Accomlished)
• Purchase rolling cart with classroom set (30) laptops. (Accomplished)
• Acquire a mobile distance learning cart   (Accomplished)
• Acquire a permanent desktop lab for 7th and 8th grade building
• Upgrade the 5th grade technology lab
• Acquire MOBI Tablets for all academic teachers
• Continue to replace outdated computers in labs and classrooms
• Provide document cameras for classroom use (6 purchased for classrooms)
• Provide tablets/ipads for each classroom

1.C. Objectives & Action Steps *(Include estimated costs to complete each step. Your technology budget will be developed based on these action steps).*

Each goal should have a minimum of 3 objectives and then several action steps that you will take to meet the objectives. Use IMPACT survey data and other resources to identify your objectives.

1. Students meet the Technology Literacy Content Standards found in Alabama's Technology Course of Study.
2. Students regularly make use of current and emerging technology in the learning process.
3. Teachers meet local, state, and national technology standards.
4. Teachers effectively and equitably map instructional technologies to specific content standards and levels of student learning.
5. Teachers appropriately and regularly assign learning activities that integrate the use of technology tools.
6. Teachers model the appropriate use of technology tools and resources. Teachers use technology (STI, AHSGE, SAT/ARMT) together and analyze data for improving student achievement.
7. Educators use technology to communicate with stakeholders at the local, district, and state level.
8. Administrators meet local, state, and national standards.
9. Administrators use technology to gather and analyze data to assess instructional effectiveness and monitor student achievement.

Action Steps:

1. Each teacher will submit two lesson plans per school year that document technology integration into their classroom instruction and student learning.
2. Classroom walk-throughs will be conducted by the District Technology Coordinator and other District Level Board Supervisors, to monitor teacher progression toward proficiency with the National Education Technology Standards (NETS) for teachers.

3. Teachers will be responsible for monitoring and documenting student progress in meeting the National Education Technology Standards (NETS) benchmarks.
4. Documentation of teaching the skills in the state technology curriculum will be done by use of individual lesson plan books.
5. Counselors and principals will ensure that every student has the completed the yearly technology skills through lesson plan checks.
6. Student Participation Survey-SpeakUp4Schools
7. IMPACT Survey Data
8. Student Projects that are submitted for local, state, and national competitions using technology.

Progress Report:

1. MOBI Tablets were purchased for all Math Teachers in 2011 and training provided in the use of this new technology.
2. Distance Learning Equipment was purchased in 2011.
3. Two rolling computer labs have been purchased from 2007-2009.
4. A lab of 30 IPADs was purchased in 2010.
5. Seven MobiViews, two clicker sets, two document cameras
6. Ebooks were purchased to allow access via mobile devices
7. Twenty-six desktop computers have been purchased 2012-2013 for the fifth grade lab.

GOAL 2: EXPANDING OPPORTUNITIES THROUGH TECHNOLOGY

Students, teachers, and administrators will benefit from a broad range of educational opportunities and resources through the use of technology.

2.A. Our Local Interpretation of Goal 2.

All Fayette County School District students, teachers, paraprofessionals, and administrators will benefit from a broad range of educational opportunities and resources through the use of technology.

2.B Ideal Performance *(when we have achieved Goal 2, we will see the following).*

- **Teachers will have access to up-to-date computer equipment for creating instructional materials.**
- **Students will have access to up-to-date computer equipment for creating materials that demonstrate achievement in academic courses as well as mastery of technology standards.**
- **State of the art projectors will be professionally installed to ensure quality projection with various media.**
- **Wireless access will provide all students equal and expanded access to 24/7 learning opportunities.**
- **Schools will be equipped with distance learning equipment (ACCESS) to allow endless opportunities through the use of this technology.**

- Schools will be upgraded to house a big screen television, mini-computer lab including computers, SmartBoard, projectors, and projection screens so to provide an more access to computers for research regardless of student age or grade level.
- School Tech Leader and Principal will continuously monitor student computer labs to ensure that they are up-to-date for students trying to meet state and local standards in all areas, including technology.
- Digital cameras and video equipment will be addeded to allow students and teachers to explore the digital world and realize the endless opportunities available through this medium.
- Each school will be equipped with a minimum of one mobile lab of (30) laptops available for check out as teachers and students realize that mobile computing has no limits on where a class can take place with a little creativity.
- LEARNING WILL BE ACTIVE as teachers and students will be interacting with the interactive white boards, interactive tablets and Mimios.
- Technology Integration is enhanced as teachers and students learn how to utilize the internet and software resources in class.
- Professional Development is provided districtwide to support teachers as they provide students with greater access to technology in the classroom.
- All new buildings are built as "smart" buildings from the ground up.
- Provide District-wide training on the following as requested:

  - Creating Technology Integrated Lesson Plans
  - Using the Internet to Integrate the Curriculum with Technology
  - Approaches to Developing Student Technical Competencies
  - Classroom Performance Systems (Assessing Students with "Clickers" in the Classroom)
  - Adobe Photoshop
  - Video in the Classroom: Flip Videos and Tuff Cams
  - Digital Storytelling
  - Smartboards in the Classroom
  - Mimios in the Classroom
  - Mobile Laptops Carts in the Classroom
  - Virtual Field Trips
  - Publishing to the World Wide Web
  - Blogs
  - Wikis
  - Podcasting
  - WebQuests
  - Smart Tables
  - Electronic Portfolios
  - ALEX
  - Alabama Virtual Library (AVL)
  - Renaissance
  - Atiuum
  - ipod touch
  - ipads
  - Distance learning equipment
  - Mobi View Devices
  - Clickers

2.C. Objectives & Action Steps *(Include estimated costs to complete each step. Your technology budget will be developed based on these action steps).*

Each goal should have a minimum of 3 objectives and then several action steps that you will take to meet the objectives. Use IMPACT survey data and other resources to identify your objectives.

I.   **Educators will foster and nurture an environment that supports innovative uses of technology.**

II.   **Technology resources are provided to support the learning and technology needs of the school and community.**

III. **Students will have a safe Internet environment in which to conduct classroom projects, research etc.**

Progress Report:

1. Teachers have interactive devices for enhancing instruction.
2. Schools have at least (1) laptop cart for classroom use. All new projectors have been ceiling mounted (if requested). Schools have demo Tuff Cams and Flip Videos to "test drive" prior to making the purchases and some purchases have been made for these.
3. Big Screen Televisions in each school
4. DirectTV in (7) locations–all schools and the Fayette Career Tech Center
5. Increased Professional Development-available district-wide through "in-house" technology leaders. All 6 schools have distance learning labs

GOAL3: TECHNOLOGY PROFESSIONAL DEVELOPMENT

Teachers and administrators benefit from high quality, research-based professional development and supports necessary to achieve local, state, and national standards and courses of study.

3.A. Our Local Interpretation of Goal 3.

All Fayette Middle students, teachers, paraprofessionals, and administrators will benefit from a broad range of educational opportunities and resources through the use of technology.

3.B. Idea Performance *(when we have achieved Goal 3, we will see the following).*

FMS teachers will be attending:

- Mini-Technology Workshops provided by the school district as it utilizes its system personnel and their expertise
- School Tech Leader will participate in technology group meetings as needed throughout the year.
- State and National conferences
- Science in Motion
- ARI Training
- AMSTI Training
- Some school Tech Leaders will be attending AETA each year
- STI PD Training
- INOW Training

3.C. Objectives & Action Steps *(Include estimated costs to complete each step. Your technology budget will be developed based on these action steps).*

1. Students will have a safe Internet environment

2. Teachers and administrators are provided with adequate resources (such as release time, compensation, reimbursement, materials, etc.) to enable their participation in professional development opportunities within the district and off-site.

3. Administrators use a variety of evaluation data to make decisions related to technology professional development.

Professional Development

Sessions Offered or Coordinated <u>by the School</u> (2010-2011 School Year)

Title	Length	# attendees
1. Fred Pryor - Dealing with Difficult People	1/3/11	29

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2. Book Study - Fires in the Bathroom   8/10-5/11   29

3.

4.

5.

6.

7.

8.

10.

Proposed Sessions to by Offered or Coordinated by the School (2011-2012)

Title	Length	Month
1. Educate Alabama	1 Hr.	8/31/11
2. INOW	1Hr.	9/14/11
3. RTI	1Hr.	1/2/12
4. ARMT+	1 Hr.	1/2/12
5. Technology in Classroom	1 Hr.	1/2/12
6. Strategic Teaching	1 Hr.	1/2/12

7. CIP/School Safety		1 Hr.	1/2/12
8. Classroom Management		1 Hr.	1/2/12

Proposed Sessions to be offered of coordinated by the school (2012-2013)

<u>Title</u>	<u>Length</u>	<u>Date</u>
1. CCRS	1 Hr.	9/17/12
2. Anti-Bulling	1 Hr.	11/21/12

GOAL 4: TECHNOLOGY INFRASTRUCTURE

Students, teachers, and administrators will have access to the appropriate technology resources and infrastructure necessary to support teaching, leading, and learning.

4.A. Our Local Interpretation of Goal 4.

All FMS students, teachers, and administrators will have access to full functioning technology resources and infrastructure necessary to support teaching, leading and learning.

4.B. Ideal Performance *(when we have achieved Goal 4, we will see the following).*

FCSD's network is a fully secure network with access to the Internet to all classrooms, libraries, labs, and administrative offices. A full-time Board of Education Supervisor has been hired to serve as Technology Coordinator. Part of her responsibilities is to assist school personnel in professional development training, research, collaboration, and integration of technology into classroom instruction. By 2011-2012 school year we hope to provide the Tech Leaders at each school, a Technology period during the regular school day so that they can assist teachers' efforts with incorporate technology in the classroom and to provide a stipend to compensate them for afterschool and summer work, or to provide a technology coach for each school in the district

4.C. Objectives & Action Steps *(Include estimated costs to complete each step. Your technology budget will be developed based on these action steps).*
Each goal should have a minimum of 3 objectives and then several action steps that you will take to meet the objectives. Use IMPACT survey data and other resources to identify your objectives.

1. Instructional spaces, library media centers, and administrative offices have sufficient network bandwidth to support the learning, communication and administrative goals of the district.
2. Districts have implemented the required Internet security tools to enable teachers, administrators, and students convenient, useful, and safe access to the Internet.
3. Schools will have a sufficient number of Internet-enabled computers and the infrastructure necessary to support learning, communication, and administrative goals of the district.

Activity/Item Description	Goals/Objectives	Category	Estimated Cost	Funding Source
2011-2012 Foundation Grant- 30 Ipads and Ipad charging /storage cart.	To provide all academic teachers with current technology equipment designed to actively engage students in lessons.	_x_Hardware __Software __Connectivity __Other	$19,508.00	__State Technology Allocation __Local School __District __Federal (Title I, etc.) _x_Other
Book Systems	Library Automation Software	__Hardware _x_Software __Connectivity __Other	$485.00	__State Technology Allocation _X_Local School __District __Federal (Title I, etc.) __Other
4 CPS Pulse Clickers- Set 32	To provide all academic teachers with current technology equipment designed to actively engage students in lessons.	_X_Hardware __Software __Connectivity __Other	$8780.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other
4 Samsung Document Cameras	To provide all academic teachers with current technology equipment designed to actively engage students in lessons.	_x_Hardware __Software __Connectivity __Other	$2,196.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other
2 Lenovo Thinkpads	To provide all teachers and administrators with a laptop with internet accessibility.	_X_Hardware __Software __Connectivity __Other	$1,008.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other

Use additional pages if necessary. When listing proposed software purchases, the software title must be included in the description.

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Activity/Item Description	Goals/Objectives	Category	Estimated Cost	Funding Source
Replacement Bulbs for Multimedia Projectors	To provide all academic teachers with current technology equipment designed to actively engage students in lessons.	_x_Hardware __Software __Connectivity __Other	$576.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other
Fujitsu Document Scanner	To provide all academic teachers with current technology equipment designed to actively engage students in lessons.	_X_Hardware __Software __Connectivity __Other	$495.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other
2 Floor Screens	To provide all academic teachers with current technology equipment designed to actively engage students in lessons.	_X_Hardware __Software __Connectivity __Other	$407.00	__State Technology Allocation __Local School __District __Federal (Title I, etc.) __Other
HP Envy Wireless Printer for printing from Ipads	To provide all academic teachers with current technology equipment designed to actively engage students in lessons.	_X_Hardware __Software __Connectivity __Other	$249.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other
2 Office Pro-Academic Licence	To provide all academic teachers with current technology equipment designed to actively engage students in lessons.	__Hardware _X_Software __Connectivity __Other	$170.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other

Use additional pages if necessary. When listing proposed software purchases, the software title must be included in the description.

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Columns: Activity/Item Description | Goals/Objectives | Category | Estimated Cost | Funding Source

Row 1: AR Enterprise Custom Installation / STAR Reading / STAR Math
Goals: (empty)
Category: __Hardware _X_Software __Connectivity __Other
Cost: $1997.50 / $495.00 / $495.00 / $2987.50
Funding: __State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other

Row 2: Dell Optiplex 780 Library Circulation Computer
Goals: To provide all academic teachers...
Category: _X_Hardware __Software __Connectivity __Other
Cost: $1095.00
Funding: ... _X_Federal

Row 3: Technology Conference...
Goals: Professional Development
Category: __Hardware __Software __Connectivity _XOther
Cost: $60.00
Funding: _X_Federal

Row 4: 8 MobiViews, 2 CPS Pulse Clicker Sets, 2 Document Camera
Goals: Technology
Category: _XHardware...
Cost: $2694 $4790 $1098 $8582
Funding: X_Other Comm. Grant

Row 5: eBooks
Category: XSoftware
Cost: $3500
Funding: _X_Other Comm. Grant

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Activity/Item Description	Goals/Objectives	Category	Estimated Cost	Funding Source
AR Enterprise Custom Installation STAR Reading STAR Math		__Hardware _X_Software __Connectivity __Other	$1997.50 $495.00 $495.00 $2987.50	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other
Dell Optiplex 780 Library Circulation Computer	To provide all academic teachers with current technology equipment designed to actively engage students in lessons.	_X_Hardware __Software __Connectivity __Other	$1095.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other
Technology Conference and Library Media Symposium - June 14-16, 2011.	Professional Development	__Hardware __Software __Connectivity _XOther	$60.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other
8 MobiViews 2 CPS Pulse Clicker Sets 2 Document Camera	Technology	_XHardware __Software __Connectivity __Other	$2694 $4790 $1098 $8582	__State Technology Allocation __Local School __District __Federal (Title I, etc.) X_Other Comm. Grant
eBooks		__Hardware _XSoftware __Connectivity __Other	$3500	__State Technology Allocation __Local School __District __Federal (Title I, etc.) _X_Other Comm. Grant

Use additional pages if necessary. When listing proposed software purchases, the software title must be included in the descriptio

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Activity/Item Description	Goals/Objectives	Category	Estimated Cost	Funding Source
2012-2013 Replacement Bulbs		__Hardware __Software __Connectivity _x_Other	$326.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other (Foundation Grant)
Ink Cartiages		__Hardware __Software __Connectivity _x_Other	$641.51 $701.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other
Ipad 2 16 GB Mini Display to VGA paort		_X_Hardware __Software __Connectivity __Other	$428.99	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other
Dell Latitude E5530		_X_Hardware __Software __Connectivity __Other	$745.00	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other
Reimbursement for Renaissance Subscription		__Hardware _X_Software __Connectivity __Other	$1,685.60	__State Technology Allocation __Local School __District _X_Federal (Title I, etc.) __Other

Use additional pages if necessary. When listing proposed software purchases, the software title must be included in the descriptio

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Activity/Item Description	Goals/Objectives	Category	Estimated Cost	Funding Source
2012-2013 26 Dell Optiplex 760		_X_Hardware __Software __Connectivity __Other	$10,270.00	__State Technology Allocation __Local School __District __Federal (Title I, etc.) _X_Other Community Foundation
26 Professional Office License 2013		__Hardware _X_Software __Connectivity __Other	$1742	__State Technology Allocation __Local School __District __Federal (Title I, etc.) _X_Other Community Foundation
Infrastructure Update-Technology		_X_Hardware __Software __Connectivity __Other	$3750	__State Technology Allocation __Local School __District __Federal (Title I, etc.) _X_Other Community Foundation
		__Hardware __Software __Connectivity __Other		__State Technology Allocation __Local School __District __Federal (Title I, etc.) __Other
		__Hardware __Software __Connectivity __Other		__State Technology Allocation __Local School __District __Federal (Title I, etc.) __Other

Use additional pages if necessary. When listing proposed software purchases, the software title must be included in the description.

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