1. This document must be typed and submitted in print along with a digital copy on CD. It is due to the District Technology Coordinator no later than <u>December 14, 2007</u>.

General Information

A. School:	Fayette Middle S	School				
B. Years of the Plan: 200	<u>2007 - 2012</u>					
C. Date Submitted: <u>Nov</u>	<u>Nov. 1, 2010</u>					
Technolog	gy Plan Component	t Checklist				
Technology Plan Document						
School Technology Inventory	Date Submitted	<u>Sept. 7, 2010</u>				
School Technology Budget	Date Submitted					
Technology	Technology Assessment Survey Information					
Number of Administrators in the Number of Administrators that o		essment Survey2				
Number of Teachers in the Sch Number of Teachers that comp		ent Survey_25				
	Approvals					
Linda Thigpen	Data	<u>Oisse a trans</u>				
Technology Committee Chair	Date	Signature				
<u>Rodney Hannah</u> School Principal	Date	Signature				
·		2.3.141410				
Sue Tucker District Technology Coordinato	r Date	Signature				

School Technology Committee Members

Name	Position	School or Business
Rodney Hannah	Principal	School
Linda Thigpen	Com. Chairman	School
Wade & Pam Shipman	Parents	Business
Melanie Trull	Teacher	School
Julie Moore	Teacher	School
Wendy McGuire	Teacher	School
Elizabeth Webster	Teacher	School

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.

II. School Demographic Information

Fayette Middle School has an enrollment of 480 students. The Faculty is made up of 2 administrators, 1 guidance counselor, 1 media specialist, 27 teachers, 2 half-day teachers, 1 school nurse, 2 custodians, 1 secretary, 1 bookkeeper, 5 teacher aides.

III. Student Technology Available

Each classroom has a minimum of one computer that has access to the Internet. Computers in the library are available for students to have access to the library catalog for searching. Students have access to laptops 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

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are all connected to the LAN. They have the following applications installed:

- Microsoft Office
- Accelerated Reader
- STAR Reading
- STAR Math
- Skills Tutor
- STI

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 PowerPoint projects to provide a visual learning experience in the classroom.
- Microsoft applications are being used to create presentations, databases, spreadsheets, websites, and other project based instructional activities.
- Our website, School-In-Sites, provides continuous opportunities for teachers to learn how to join together school and home by uploading weekly lesson plans and other important class information.

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 Middle School 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).

- Each teacher will have a computer 5 years old or less to use for creating instructional materials.
- As projectors are requested they will be ceiling mounted for enhanced classroom learning as money becomes available.
- The library will be wired with projectors, screens, etc. for school and community presentations.
- All teachers, paraprofessionals, and administrators will be proficient in using STI applications for accurate student data.
- All students, teachers, paraprofessionals, and administrators will be accessing School InS ites on a regular basis in order to view or post information that will support student learning.
- Parents will be provided access to School In Sites in order to increase parental involvement and communication and impact student academic performance.
- The library will be upgraded to house a mini-computer lab including computers, a SmartBoard, a projector, and projection screen in order to provide an alternate learning environment for teacher and student use.
- The Tech Leader and Principal will continuously monitor and upgrade student computer labs as needed ensuring that all machines are 5 years or younger.
- The library will be upgraded with digital cameras and video equipment for students and teachers to check out for projects, portfolios, assessment, documentation, etc.
- The library will be equipped with a mobile lab of 30 laptops available for check out as teachers and students become more comfortable and creative with their integration of technology in the classroom.

<u>1.C. Objectives & Action Steps (Include estimated costs to complete each step.</u> 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.

Students meet the Technology Literacy Content Standards found in Alabama's Technology Course of Study.

Teachers meet local, state, and national technology standards.

Teachers effectively and equitably map instructional technologies to specific content standards and levels of student learning.

Teachers appropriately and regularly assign learning activities that integrate the use of technology tools.

Teachers model the appropriate use of technology tools and resources

Teachers use technology (STI, SCHOOLINSITES, AHSGE, SAT/ARMT) to gather and analyze data for improving student achievement.

Teachers use technology to communicate with stakeholders at the local, district, and state level.

Students regularly make use of current and emerging technology in the learning process.

Administrators meet local, state, and national standards.

Administrators use technology to gather and analyze data to assess instructional effectiveness and monitor student achievement.

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 Middle School 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 as funds are available. All projectors in the fifth and sixth grade classrooms have been mounted from the ceilings.)

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- Wireless access and implementation of a 1-to-1-laptop initiative will provide all students equal and expanded access to 24/7 learning opportunities.
- Implementing School Insites web-hosting service will provide a new look at education through an online learning environment. The goal is to increase parental involvement and communication, both of which are proven to impact student academic performance.
- The library has been upgraded to house a big screen television mini-computer lab including computers, projector, and a projection screen to provide more access to computers for research regardless of student age or grade level.
- The 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 is available to allow students and teachers to explore the digital world and realize the endless opportunities available through this medium.
- Each school library will be equipped with a 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. FMS has met this goal.
- LEARNING WILL BE ACTIVE as teachers and students will be interacting with the SmartBoards (interactive whiteboards). This may be accomplished with interwrite pads and clickers.
- Technology Integration is enhanced as teachers and students learn how to use Internet and software resources in class.
- Teachers are provided with professional development to support students with greater access to technology in the classroom.

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.

GOAL 3: 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.

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

<u>3.B. Idea Performance (when we have achieved Goal 3, we will see the following).</u> <u>FMS TEACHERS WILL BE ATTENDING:</u>

- STI PD Online Workshops
- Mini-Technology Conferences provided by the school district as it utilizes its system personnel and their expertise
- Professional Development opportunities at individual schools
- State and national conferences
- Science in Motion
- Technology in Motion
- AMSTI Training

3.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 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 by the School (2009-2010 School Year)

Title	Length	# Attendees
1. Microsoft Office / PowerPoint	1 Hr.	6
2. United Streaming	1 Hr.	6
3. STI Gradebook I	1 Hr.	20
4. School Pad Demonstration	1 Hr.	6
5. Classroom Performance Systems & Mimos	1 Hr.	
6. Virtual Field Trips	1 Hr.	

Proposed Sessions to by Offered or Coordinated by the School (20010-2011)

Title	Length	<u>Month</u>
1. STI Conference	15 Hrs.	Dec.
2. School-In-Sites Training	9 Hrs.	June
3. Website Training	1Hr.	Sept.
4. Mobi/Interwrite & Clicker Training	1Hr.	Nov.
5. Intergrating Technology	1Hr.	Oct.

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 Fayette Middle School students, teachers, and administrators will have access to full functioning technology resources and an infrastructure necessary to support teaching, leading, and learning.

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

Fayette Middle School's network is a fully secure network with access to the Internet to all classrooms, the library, labs, and administrative offices. The technology leader for FMS that has the skills and training necessary to keep the technology functioning properly at all times. A full-time Board of Education Supervisor has been hired to serve as Technology Director for the county. 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 hire a full time Instructional Technology Specialist to serve the district and to provide the Tech Leaders, or the IT specialist at each school, a Technology period during the regular school day so that they can assist teachers' efforts with incorporate technology in the classroom. Due to the downturn of the economy this goal has been put on hold to be evaluated at a later date.

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.

The library media center and administrative offices have sufficient network bandwidth to support the learning, communication and administrative goals of the district.

Districts have implemented the required Internet security tools to enable teachers, administrators, and students convenient, useful, and safe access to the Internet.

Fayette Middle School will have a sufficient number of Internet-enabled computers and the infrastructure necessary to support learning, communication, and administrative goals of the district.

Fayette Middle School will have a sufficient ratio of technology tools available to support the learning, communication, and administrative goals of the district.

Activity/Item Description	Goals/Objectives	Category	Estimated Cost	Funding Source
School Year: 2009-2010 Purchase of 1 teacher laptop to meet the technology plan criteria to supply all academic teachers with a laptop.		_X Hardware Software Connectivity Other	\$1203	State Technology Allocation Local School District _X_Federal (Title I, etc.) Other
Purchase of 28 new computers for the 6th Grade computer lab in order to meet the E-Rate criteria.		_X_Hardware Software Connectivity Other	\$17,164	State Technology Allocation Local School District _X_Federal (Title I, etc.) _X_Other
Tech Support for following : STAR Math STAR Reading Atruuim SkillsTutor		Hardware _X_Software Connectivity Other	\$149 \$149 \$685 \$3464	State Technology Allocation Local School District _X_Federal (Title I, etc.) Other
Microsoft Office 2007 License (76)		Hardware _X_Software Connectivity Other	\$5106	State Technology Allocation Local School District <u>X</u> Federal (Title I, etc.) Other
Purchase of 30 Netbooks rolling lab for the 5 th Lab.		_X_Hardware Software Connectivity Other	\$14,850	State Technology Allocation Local School District <u>X</u> Federal (Title I, etc.) <u>X</u> Other

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

Activity/Item Description	Goals/Objectives	Category	Estimated Cost	Funding Source
Purchase of 11 Netlink desktops : 5 Library Lab 5 5 th Grade Lab 1 Custodian's Office		<u>X</u> Hardware Software Connectivity Other	\$6876	State Technology Allocation Local School District X_Federal (Title I, etc.) Other
Purchase of 3 Netlink 3300 Desktops for Administration Offices		X_Hardware Software Connectivity Other	\$2213.73	State Technology Allocation Local School District X_Federal (Title I, etc.) Other
Tonier Cartages for FMS Library, and Classrooms		Hardware Software Connectivity Other	\$2308.24	State Technology Allocation Local School District X_Federal (Title I, etc.) Other
Ceiling Mounts for Projectors in 5 th & 6 th Grade		X_Hardware Software Connectivity Other	\$254.97	State Technology Allocation X_Local School District Federal (Title I, etc.) Other
Ceiling Installation of 3 Projectors		Hardware Software Connectivity X_Other	\$1620	State Technology Allocation X_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.

Activity/Item Description	Goals/Objectives	Category	Estimated Cost	Funding Source
Replacement Bulbs for Projectors		X_Hardware Software Connectivity Other	\$1145.70	State Technology Allocation X_Local School District X_Federal (Title I, etc.) Other
Repair on Spark Laptop		Hardware Software Connectivity X_Other	\$90.90	State Technology Allocation X_Local School District Federal (Title I, etc.) Other
Modular DVD/CD-RW		X_Hardware Software Connectivity Other	\$157	State Technology Allocation Local School District X_Federal (Title I, etc.) Other
Motorized Screen		X_Hardware Software Connectivity Other	\$312.99	State Technology Allocation Local School District X_Federal (Title I, etc.) Other
Elmo Document Camera		X_Hardware Software Connectivity Other	\$555	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
Honeywell Wireless Scanner		X_ Hardware Software Connectivity Other	\$705	
Metorologic Voyager Wireless Scanner		X_Hardware Software Connectivity Other	\$406.50	State Technology Allocation Local School District X_Federal (Title I, etc.) Other
		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
		Hardware Software Connectivity Other		State Technology Allocation Local School District Federal (Title I, etc.) Other

Activity/Item Description	Goals/Objectives	Category	Estimated Cost	Funding Source
2010-2011 Software Subscriptions: Atriuum Renaissiance Place Skills Tutor		Hardware Software Connectivity Other	\$685	
		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
		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

Activity/Item Description	Goals/Objectives	Category	Estimated Cost	Funding Source
		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
		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
		Hardware Software Connectivity Other		State Technology Allocation Local School District Federal (Title I, etc.) Other