

## Moody Jr. High School Technology Plan 2009-2010

Name of School: Moody Jr. High School  
Technology Coordinator for the School: Pat Gann

### Members of the Technology Planning Team:

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### Mission:

Moody Jr. High School is committed to a program that caters to the unique physical, intellectual, social and emotional needs of emerging adolescents. We strive to provide students with a safe and healthy environment, to develop an understanding of and a respect for themselves and others, to encourage a love of learning and to provide a sound base of academic skills. Our school will provide its students with an opportunity to learn across a large area of subject material extending from the humanities, arts, mathematics, and science to athletics.

### Demographics of the School:

Moody Jr. High School consists of grades 7-8 and has a student population of 338. We have the following school population diversification:

White	87.27%	Girls 46%	Free Lunch	26.25%
Black	9.77%	Boys 54%	Reduced Lunch	7.26%
Hispanic	2.67%			
Asian	0.29%			
Other	0%			

### Current Status of Infrastructure:

99% of classroom computers are connected to the Internet and networked. All classrooms have one computer and most classrooms have two or more computers. The school has one computer lab with 35 computers.

The school has one server. It is divided into three networked drives instructional drive, administrative drive and student drive. Teachers

each have a file on the administrative drive for their tests, reports, power points, etc. The instructional drive has software stored on it as well as many other uses. The student drive has folders for each student in the school for each class he/she attends. Currently we have:

BENCHMARK	UNITS	MJHS	NARRATIVE
	NEEDED BY		
	STATE		
	GUIDELINES		
5.2 5:1	71.6	86	Computers to Students
5.3a 250:1	1.432	6	Digital Cameras to Students
5.3b 250:1	1.432	1	Scanners to Students
5.3c 125:1	2.864	3	Laser Printers to Students
5.3d 25:1	14.32	21	TV's to Students
5.5 75:1	4.773333	10	Media Center PC's to Students

Also, we have five video projectors, one opaque projector and a new school messenger software program to inform parents of upcoming events as well as absences according to state recommendations.

St. Clair County Board of Education provides three county-wide technicians who service the network and troubleshoot hardware and software problems.

### Status of Technology Integration and Training

Students are provided with many opportunities to use technology during the school day. Software programs such as Accelerated Reader and Microsoft Word are used daily. Internet sites such as the ones in the Alabama Virtual Library are used when Microsoft Office Power Point, Word, and Excel are taught and used for projects during the year. Classrooms and computer labs use educational software to further teach subject areas.

Teachers use programs such as STAR and Quick Link to monitor academic growth. Administrators take this information to make effective decisions about the effectiveness

of instructional programs.

Teachers also use Microsoft programs on a daily basis for presenting lessons with Power Point, writing letters to parents with Word, and using Excel for record keeping. Teachers use the Internet on a daily basis to research topics and communicate with parents, faculty members and educators from other systems. The Alabama Virtual Library, ALEX, Digital Curriculum, Discovery School, Discovery Health Connection and Marco Polo are used as resources for lesson planning and self-development. The APT Plus Program has added some marvelous videos as well and consolidated their collections through one site with one password.

Faculty training is a priority at MJHS. Programs both at MJHS, at the county level and at the state level will continue to be provided to offer teachers training on computers and innovating computer programs.

- The school will insure that technological competence is considered as part of the performance review system of the faculty.
- The principal and assistant principal will develop their own standards and expectations for technology use within classrooms and communicate those standards and expectations to the faculty.
- The school will support the efforts of faculty to implement new and effective ways to integrate technology and teaching.
- Classes are provided through the local in-service center to insure that teachers get support in their efforts to help students learn technology.
- Quarterly technology meetings are conducted at the board level for training of all school level technology coordinators.

## State/County Benchmarks

### 1. Encourage learning that is relevant and authentic through the use of technology.

Students are provided with many opportunities to use technology during the school day. Software programs such as Accelerated Reader and Microsoft Word are used daily. Internet sites such as those used in the Alabama Virtual Library are used when Microsoft Office Power Point, Word, and Excel are taught and used for projects during the year. Classrooms and computer labs use educational software to further teach subject areas.

### 2. Align the use of technology with local, state, and national content standards and curricula to enhance learning and enrich teaching.

The Internet is used for research, educational software for instruction, and word processing/ presentation software is taught to more effectively prepare our students for careers in the world in which they will live and work.

### 3. Provide professional development that enables the staff to become and remain proficient in the use of technology to improve learning.

Faculty training is a priority at MJHS. Programs both at MJHS, at the county level and at the state level will continue to be provided to offer teachers training on computers and showing innovative computer programs.

The school will insure that technological competence is considered as part of the performance review system of the faculty. The principal and assistant principal will develop their own standards and expectations for technology use within classrooms and communicate those standards and expectations to the faculty.

The school will support the efforts of faculty to implement new and effective ways to integrate technology and teaching. Classes are provided through the local in-service center to insure that teachers get support in their efforts to help students learn technology. Monthly technology meetings are conducted at the board level for training of all school level technology coordinators. Administrators encourage teachers to attend the conferences and workshops that will help with their growth in this technological age.

### 4. Cultivate lifelong learning communities in which the tools of technology support learning.

All students in the 7<sup>th</sup> and 8<sup>th</sup> graders have access to the computers in the school, both in the classrooms and in the computer lab. Technology is incorporated into their classroom projects in all areas of the curriculum on a daily basis.

Community classes are offered not only through the local Jefferson State Jr. College, but also through the St. Clair County Community School at various dates and sites. Teachers use programs such as STAR and Quick Link to monitor academic growth. Administrators take this information to make effective decisions about the effectiveness of instructional programs.

## 5. Provide every learner with the technological tools to access and process information.

The media center has 32:1 ratio of Internet-enabled computers to students. The media center uses Spectrum as its administrative program to manage its collections of books and audiovisuals. Students have access to electronically search collections throughout the school from their classrooms.

The school has an active website where all teachers have a webpage with an e-mail account for communicating with parents, other teachers, and office personnel.

The ratio of students to Internet-based computers is 4:1. The digital camera ratio is 56:1. The scanner is 378:1. The networked laser printer ratio is 126:1. Digital projector ratio is 54:1. Televisions are located in all classrooms and all have DVD/VCR players.

## 6. Fund technical support, maintenance, and emerging technologies to improve learning.

Moody Jr. High School is constantly looking for funds to support our technology efforts. P.T.O. funds and occasional grants are what keep new computers and equipment coming to our school. School donations are always accepted and appreciated from local businesses and citizens.

### Needs Assessment for the 2009-2010 School Year

The MJHS Technology Committee recommends that the following needs as related to the Impact Survey need to be addressed:

- 1.1 We wish to purchase more document cameras/projectors for teachers in order to adequately aid our students' learning.
- 2.1 Purchase laptops and projectors so teachers can show videos and PowerPoints to students on their board in the classroom.
- 5.6 Possibly purchase video film-making software that would allow movies to be put on the Internet. A digital video camera for the school/library is also needed.

Other technology needs:

- 1 Scanner for computer lab for students
- 1 Video camera for student usage

## Computers in MJHS:

Computers In MJHS	
Library	10
Computer Labs	33
Classrooms	43
Admin Offices	8
Other	0
High Speed Internet Access	
Library	10
Computer Labs	33
Classrooms	43
Admin. Offices	8
Other	0
Computer Purchase Dates	
0-12 Months	15
13-36 Months	35
37+ Months	49
Classroom Computer Count	46
Total Classrooms	14
1 Classroom Computer	2
2 Classroom Computers	5
3 Classroom Computers	5
4 Classroom Computers	0
5+ Classroom Computers	2
Admin Office Count	8
Total Admin Offices	8
1 Admin Office Computer	8
2 Admin Office Computers	0
3+ Admin Office Computers	0
Library Media Center Automation	Yes
<b>Total Computers in MJHS</b>	<b>94 Computers</b>