

Technology Plan

LEA Signature

Lowndes County

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Enhancing Education Through Technology (EETT) FY2010-2011

State of Alabama School Year 2010-2011 (October 1, 2010 - September 30, 2011)

Vision Statement

It is the vision of the Lowndes County Public School System to assist all stakeholders in developing technological competencies and skills necessary to compete on the economic world stage. This will be achieved by permeating every aspect of the education experience through authentic learning activities and meaningful professional development opportunities needed for meeting the challenges of the 21st century. We will use technology to facilitate effective assessment and evaluate the efficacy of technology resources for the purposes of improving learning, communication, and productivity.

Current Status and Future Plans

Infrastructure

The Lowndes County Public Schools has a very diverse network infrastructure which employs cutting edge technologies. Each of our schools and the central office has a local area network (LAN) and to enable inter-school communication and internet access, a system wide area network (WAN), and Central Office Main Frame (MDF). The LCPS has a Windows 2000 Active Directory Domain and all PCs have shared 100 Mbps connections from the PC to the network closet. LCPS also has a Voice over IP phone system installed that uses the LAN and WAN to communicate within and between LCPS locations/users.

Our plans for the future includes replacing our current Voice over I/P phone system with a phone system that will offer the district more options.

In addition, as a result of E-rate funding we are also upgrading our wireless access through out the district. Our future goal is for our students to have 24/7 access to the Internet.

Connectivity

The WAN connects the central office, all schools (7), Career Tech, and Project Success Alternative Learning Center, and the Bus Garage via a 1 Gbps fiber optic cable (FDDI) network with a 100 Mbps handoff at 6 locations and 1 Gbps handoff at 5 locations provided by Information Transport Solutions. Currently, Lowndes County Public Schools, Career Tech and Project Success Alternative Learning Center are connected at a speed of 100 mbps using Cisco networking equipment. One hundred percent of all classrooms are accessing the network at 100 Mbps via Ethernet installed and serviced by ITS--Information Transport Solutions.

Our future plans are to increase the Internet bandwidth to 20 Mbps within 3Mbps increments. During the 2008 Erate application process, we filed to increase our Internet bandwidth to 20 Mbps. We are excited to indicate that we received E-rate funding for the increasing of our bandwidth.

During the 2009 E-rate application process, we filed to upgrade our wireless access in the district. We have received funding and we are in the process of ordering the equipment in order to complete installation.

In order for our students to have 24/7 access to the Internet, they need to be able to access the Internet at home. Because we are a poor and rural school district, this access is not readily available in all of the homes. Our future plans are to be able to find ways for our students to have Internet access in the homes.

Internet Access

Lowndes County Schools receives 20 Mbps of Internet from Information Transport Solutions to equipment located at the Board of Education. This Internet is routed through the Lightspeed Firewall and Content Filter at the BOE and shared amongst 10 locations (not including the BOE) over a 1 Gbps fiber network with a 100 Mbps handoff at each location. All PCs have shared 100Mbps connections from the PC to the network closet. The Board of Education receives 1.5 Mbps of Internet from Alabama Supercomputer over 1.5 Mbps T-1 circuit which is routed through a firewall device. The District Technology Committee will review needs for Internet access capacity to meet established goals. The committee will also address CIPA compliance periodically to determine if changes in policies are necessary. This policy meets the guideline set by CIPA.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office. We are also looking to upgrade our wireless connection. Currently, we have a minimum of three access points per school. During the 2008-2009 school year, we upgraded all access points to "g" and added an additional 2 new access points to each school. However, access was still limited in some areas. An application was filed for E-rate in order to give us the access needed throughout the school district. As a result of the 1003g grant and E-rate funding, we are able to provide wireless access throughout the entire school district.

Our future goal is to assist with providing our students with 24/7 access to the Internet.

Information Security

Lowndes County Public Schools employs a many pronged approach to information/network security. Network security for the 1.5Mbps Internet connection leased from ASCA is provided with a Cisco PIX firewall and content filter provided and managed by ASCA. The 20Mbps Internet connection and WAN leased from Information Transport Solutions are protected through the use of a Lightspeed firewall and content filter appliance that provides several mechanisms to protect and insulate system information and provide WAN network security. The firewall properties prevent unauthorized access to the school systems' internal hosts unless explicitly allowed. Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated. Additionally, LCPS has a Windows 2000 Active Directory Domain which provides additional protection within the local area network. An additional security feature is provided through LCPS' implementation of Symantec Norton Anti-virus applications installed throughout the system, as well as server side email anti-virus protection (clam Anti-virus) provided by ASCA. Finally, the Lowndes County Board of Education has adopted Acceptable Use and Internet Safety Policies for all users. Students and their parents sign acknowledgement of the policies on an annual basis indicating that both have read and agree to the standards contained therein. This policy meets the guideline set by CIPA. In addition, all school personnel also signs an Internet Use Form. The District Technology Committee will periodically review CIPA compliance and security needs and propose updates as required to meet established goals and security standards.

Student Technology Available

Technology is available to all students in the Lowndes County Public School District. Every instructional space is cabled and contains at least two certified computers (according to the established definition). At the two high schools, students are afforded the opportunity to take electives and AP courses via ACCESS. All students have access to the Internet, AVL and productivity software such as databases (Access), spreadsheets (Excel), and presentation (PowerPoint). Each school is equipped with a minimum of two computers in the classroom, scanners, digital cameras and projectors are available. At this point students do not have access to handheld computers; however there are plans to infuse handheld computers over the next year. All current plans for improvement are funded locally, and on a state and federal level, or through the acquisition of grants.

The LCPS has updated its local website to include links to all schools. During the 2008-2009 school year, teachers were trained on how to create their own webpage. Their webpages will provide additional links to subject specific websites for student activities and resources. This will also increase the communication with parents and the community. Also, students in grades 6-12 were given their own log-on to access the network, instead of a generic log-in for students. This will provide the technology office more concrete information in tracking students who violate C.I.P.A. rules and regulations regarding accessing the Internet. Students will also be given a personal email account through Gagglenet. This will also afford teachers another resource on using email as an instructional tool and another form of communication to assist students outside of the classroom.

The media specialists at each school are given the task of providing research sites for students to visit including AVL and other research related links. Our goal is to upgrade our current library software program Concourse in the future to Atrium, because it is a web-based application, which will give our teachers and students 24/7 access .

The future plans are to initiate a 1:1 initiative in grades 3-8 so that every student will have the use of a computer on a daily basis at school and at home. Through a donation by Intel, one of elementary schools, Fort Deposit Elementary received 60 Classmates PCs for 4th and 5th grades students. Our plan is to acquire the competitive grant for Hayneville Middle School to continue to fulfill part of this initiative. Consequently, the district's technology committee will continue to discuss ways to bring this initiative to fruition.

As a result of receiving the 1003g grant, we were able to upgrade the computer labs at the four schools with Fujitsu desktop computers and wireless access points.

Technology and Curriculum Integration

In the Lowndes County Public School System, technology is being used on a daily basis. It begins each day when students enter the school buildings with teachers taking attendance throughout the day utilizing STI-CRM. Administrators use VoIP to communicate with teachers and students in the mornings and during the day. Teachers and administrators use the Internet to check email, and parents use STI-Home to check students grades, attendance and discipline information.

Teachers are required to follow the technology course of study for the use and integration of technology. During the 2004-2005 school year the district purchased a software program, Curriculum Advantage, to assist teachers and students with meeting the goals set by "**No Child Left Behind**" and other state and federal requirements for student achievement.

In 2006, an additional software program EDU TEST, was also purchased to further assist administrators and teachers with disaggregating student data. Personnel in the district continues to utilize ALEX, AVL, PLATO, PASSKEY, CONCOURSE, eZcat, and United Steaming. In addition, STI-Assessment, was purchased in 2006 for two of our schools in school improvement and because of the success of the program, we have purchased the program for the entire school district to raise test scores and increase student achievement.

Consequently, all teachers are required to document the use of technology on a daily basis in their lesson plans. In 2007-2008 , we provided monthly technology training sessions at all schools

on the many uses of Microsoft PowerPoint and United Streaming, and APT Plus. Teachers are now able to use PowerPoint as bell ringers, showing videos embedded in slides, and provide handouts as study sheets.

During the 2008-2009 school year, every teacher were trained on how to create their own webpage. This allowed teachers to create links to subject specific websites and other resources. The creation of these webpages serves as another form of communication for our parents and the community.

In January, the district hosts its MEGA Day, a professional development day for the entire district. During this event, teachers are provided additional opportunities to participate in various technology sessions.

During the summer 2009, media specialists were afforded a week of professional development to provide assistance to the District Technology Coordinator and to be able to assist teachers with technology integration utilizing the new course of study. June 2009, media specialists along with other teachers were provided with 32 hours of Intel Teach Essentials training.

Our ultimate goal is to continue to provide high quality professional development to ensure that teachers and administrators are kept abreast of new and innovative changes in the area of technology that caters to student learning and higher achievement and to train teachers on incorporating project-based activities into the curriculum in order to engage every learner.

A future purchase for teachers is to be able to provide audio systems in the classrooms for student attentiveness and continuous engagement. Some purchases will begin during the 2009-2010 school year.

As a result of being awarded the 1003g grant to four of our schools, we were able to purchase Smart Boards, Wireless slates, wireless access points, wireless lan controller, and staff the schools with academic coaches to be able to provide continuous assistance to teachers with technology and curriculum integration.

AYP & Educational Technology

Calhoun and Central High Schools did not meet AYP as stated by the NCLB Act of 2001. The resources, professional development and intervention strategies relating to technology that will be used to address weaknesses as identified in the schools' CIP Plans are as indicated. All teachers now have ceiling mounted projectors in their classrooms to be able to display their PowerPoint

and other Presentations. Prior to this year teachers have had to share a total of five projectors/per school or less. Other resources include teachers having an account to use programs such as United Streaming/APT Plus and ALEX. In addition, as a result of a district initiative, all classroom teachers were provided with Interactive Tablets and all schools now have the use of Interactive Boards.

Professional Development has been provided to teachers over the past two years and continues to be on a monthly basis. Teachers have been and are being train on various ways to use PPT to engage students. Teachers participated in the Interactive Training during the summer and were introduced to additional resources/websites for lesson planning activities.

Teachers will continue to be provided with training that incorporated project-base learning into the curriculum

In 2010, Central High School did not make AYP in the area of Reading. The school is receiving assistance from the Alabama Reading Initiative and High Schools that Work programs.

GOAL 1: TECHNOLOGY INTEGRATION AND MASTERY OF STANDARDS

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

Our Interpretation

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

Ideal Performance

When we have achieved Goal 1 we will see the following in our district:

All students and teachers will utilize technology effectively to support learning across the curriculum and meet local, state, and national standards by consistently integrating a variety of technological techniques into the 21st Century curriculum to create "fierce competitors on the economic world stage." Teachers, administrators and staff will utilize technology effectively throughout the curriculum to further improve overall students, teaching and learning.

DATA SOURCES: We will use the following data source(s) to monitor performance. Goal 1

Impact Survey

Inventory List

Educate Alabama

Informal Observations

Monitoring Forms

Monthly Evaluations from Technology Training Sessions

WHERE WE STAND: We have made progress toward achieving Goal 1 in the following ways.

As a result of a district wide initiative that including placing DLP projectors, ceiling mounted, and interactive tablets in every classroom, and at least two interactive boards per school, teachers and students have available to them 21st century technology tools that will further engage students in the learning process.

Through a donation by Intel of 60 Classmate PCs, one of our elementary school receive these PCs for their 4th and 5th grade students for 24/7 access to technology. This school will continue to utilize the PCs for continuous technology learning.

Teach 21 has also provided two of our teachers on the high school level with a classroom set of 30 netbooks, 5 video cameras, flash drives for students and teachers, document camera, and Interactive board.

The 1003g grant was awarded to four of our schools, Calhoun High School, Hayneville Middle School, Lowndes Middle School and Jackson-Steele Elementary School. This grant over the next three years will supply our teachers and students with 21st century classrooms. Teachers participated in "Summer Academies" on implementing new strategies and will continue to receive training embedded throughout the year.

Based on the data from the 2010 Impact Survey, over 73% of our teachers are using technology to support learning. In addition, all schools made AYP, except Central High School due students not passing the Reading subtest.

Goal 1 Objectives

Description

- 2 Student's regularly make use of current and emerging technology in the learning process.
- 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
- 7 Teachers use technology to gather and analyze data for improving student achievement.
- 10 Administrators use technology to gather and analyze data to assess instructional effectiveness and monitor student achievement.

Goal 1 Action Steps (Note: These may overlap with other Goals)

Title:	Professional Development #2
Description:	<p>Professional high quality technology professional development of appropriate programs and software. Teachers will continue to receive training in the areas of using the Internet as an additional resource to teaching and integrating into the curriculum.</p> <p>In addition, we will seek to train as many teachers to become Certified trainers through Intel Teach to the Future.</p> <p>Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.</p>

Teachers participated in "Summer Academies" in July and will continue to have professional development throughout the year on how to implement new strategies.

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for 24/7 access.

As a result of the awarding of the 1003g grant, professional development and support on all implementation strategies, technology, evaluation systems, instruction models, and incentive programs. This will include up to 80 days per year total - Teacher Technology integration training = 1 day per week This will also include contracted content specialists to help teachers design standards-based units and teach based on the mastery of content. (Training with the teachers on how to build units will utilize the Backwards Design instructional planning model from Jay McTighe.) Content specialists will be onsite for a minimum of 2 days per month plus an initial 4 day "instructional bootcamp during year 1." - Increased to include Teacher Stipends \$100,000/school - \$150 per student up to 1000 students

Total Estimated Cost: \$1,800,963.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: Director of Human Resources/District Technology Coordinator/Transformation Specialist

Item 1 Estimated Budget Category: Professional Development

Item 1 Estimated Amount: \$450,000.00

Item 1: Source(s) of Funds: **Title II**
Technology-EETT
1003g

Item 2 Estimated Budget Category: Professional Development Materials and Supplies

Item 2 Estimated Amount: \$1,350,963.00

Source(s) of Funds Item 2:

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Goal 1 Objectives: 4,5,6,7,10

Private School(s):

ID: 77

Title: Partnerships

Description: **Partner with Technology in Motion and In-service Center to ensure research based, job-embedded training opportunities occur.**

Total Estimated Cost: \$1,000.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: Director of Human Resources and District Technology Coordinator

Item 1 Estimated Budget Category: Professional Development Materials and Supplies

Item 1 Estimated Amount: \$1,000.00

Item 1: Source(s) of Funds: **Title IID**

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Goal 1 Objectives: 2,4,5

Private School(s):

ID:	78
Title:	Support
Description:	Utilize on-site technology coordinators and media specialists for monthly trainings for school staff.
Total Estimated Cost:	\$6,300.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	District Technology Coordinator
Item 1 Estimated Budget Category:	Stipend
Item 1 Estimated Amount:	\$6,300.00
Item 1: Source(s) of Funds:	Title II D-EETT
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Goal 1 Objectives:	2,4,5
Private School(s):	No
ID:	79
Title:	Technology Instructional Based Strategies
Description:	Personnel will utilize technology instructional based strategies throughout the course of the year. Examples include but not limited to: webquests, games, ClassWorks, STI Assessment, Computer-based instruction, PowerPoint, internet, Excel, Digital Storytelling, educational blogs, writing through MS Word, MS Publisher, and United Streaming.

The ultimate goal is to train teachers on how to incorporate project-based activities into their lesson plans on a daily basis.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for providing instructional-based strategies to students.

In 2010, we received funding from the 1003g grant for Calhoun High School, Hayneville and Lowndes County Middle Schools, and Jackson-Steele Elementary School. These schools were provided extensive training during the summer on instructional based- strategies on utilizing technology in the classroom.

Total Estimated Cost:

\$442,343.00

Estimated Start Date:

6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description:

Ongoing

Person Responsible:

District Technology Coordinator, Principals, Site Tech Coordinators, LEA Improvement Spec., District Professional Development Coordinator

Item 1 Estimated Budget Category:

Internet Access

Item 1 Estimated Amount:

\$42,999.00

Item 1: Source(s) of Funds:

**Erate
General Funds**

General Electric

EETT-Formula

Item 2 Estimated Budget Category:

Telecommunications

Item 2 Estimated Amount:

\$168,000.00

Source(s) of Funds Item 2:

Erate
General Funds
General Electric

Item 3 Estimated Budget Category:

Maintenance/Support Contracts for Software/Hardware

Item 3 Estimated Amount:

213908

Source(s) of Funds Item 3:

Erate
General Funds
General Electric

Unlisted Category Item 4:

Software

Estimated Amount Item 4:

17436

Source(s) of Funds Item 4:

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Goal 1 Objectives:

4,5,6,7,10

Private School(s):

No

ID:

80

Title:

Learning Communities

Description:

To create professional learning communities via email to collaborate on best practices for technology

integration within the content areas.

Total Estimated Cost:

\$162,999.00

Estimated Start Date:

6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description:

Ongoing

Person Responsible:

Content Area Department Heads, Education Specialists, and Content Area Teachers

Item 1 Estimated Budget Category:

Internet Access

Item 1 Estimated Amount:

\$42,999.00

Item 1: Source(s) of Funds:

**Erate
General Funds
General Electric**

Item 2 Estimated Budget Category:

Instructional Classroom materials and supplies

Item 2 Estimated Amount:

\$120,000.00

Source(s) of Funds Item 2:

Title I
EETT

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Goal 1 Objectives:

2,4,5,6,7

Private School(s):

No

ID:

81

Title:

Standard-based Curriculum

Description:

Implement a standard-based curriculum throughout the school district and align school districts curriculum frameworks in all content areas with state standards according to the Alabama Courses of Study(ALCOS),

Alabama High School Graduation Examination(AHSGE), Alabama Reading and Math Test(ARMT), Compendium Supplement, and/or other standards of measurement as required by the State of Alabama and the Lowndes County Board of Education.

Total Estimated Cost: \$23,250.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: Director of Federal Programs, Director of Human Resources, District Technology Coordinator, LEA School Improvement Specialist, Principals, Education Specialists and Teachers

Item 1 Estimated Budget Category: Maintenance/Support Contracts for Software/Hardware

Item 1 Estimated Amount: \$23,250.00

Item 1: Source(s) of Funds: **Title I**
Instructional
Technology

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Goal 1 Objectives: 2,4,5,6,7,10

Private School(s):

ID: 82

Title: Student Achievement

Description: **Implement computer-based instruction for Lowndes County Public Schools to rank in the 20% of school districts in the state of Alabama for student achievement in math, science, and technology education.**

We will also train teachers on incorporating project-based activities into the curriculum to engage all learners.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As a result of being awarded the 1003g grant, we were able to provide academic coaches to assist teachers with lesson plans and technology integration in order to increase student achievement.

Total Estimated Cost:	\$315,060.00		
Estimated Start Date:	6/1/2007	Estimated Completion Date:	6/30/2012
Timeframe Description:	Ongoing		
Person Responsible:	District Technology Coordinator, Director of Career Technical Education, Director of Federal Programs, Director of Human Resources, LEA School Improvement Specialist, Principals, Teachers, and Education Specialists		
Item 1 Estimated Budget Category:	Equipment (Capitalized and Non-Capitalized)		
Item 1 Estimated Amount:	\$9,000.00		
Item 1: Source(s) of Funds:	Technology Title I		
Item 2 Estimated Budget Category:	Instructional Classroom materials and supplies		
Item 2 Estimated Amount:	\$47,807.00		
Source(s) of Funds Item 2:	Title I		

	Foundation
Item 3 Estimated Budget Category:	Telecommunications
Item 3 Estimated Amount:	168000
Source(s) of Funds Item 3:	E-Rate Sprint General Funds Generla Electric
Unlisted Category Item 4:	Maintenance Support for Contract Hardware and Software
Estimated Amount Item 4:	90253
Source(s) of Funds Item 4:	<div>Erate Sprint General Funds General Electric</div>
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Goal 1 Objectives:	2,4,6,10
Private School(s):	No
ID:	83
Title:	Professional Development #!
Description:	Provide on-going technological staff development activitiies designed to assist instructional and non-instructuional personnel in utilizing, integrating, and teaching technology across the curriculum. We will continue to seek to provide teachers with training that will allow them to become efficient technology integraters through the Intel Teach to the Future Program.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for 24/7 access.

As a result of the awarding of the 1003g grant, we will provide professional development and support on all implementation strategies, technology, evaluation systems, instruction models, and incentive programs. This will include up to 80 days per year total - Teacher Technology integration training = 1 day per week This will also include contracted content specialists to help teachers design standards-based units and teach based on the mastery of content. (Training with the teachers on how to build units will utilize the Backwards Design instructional planning model from Jay McTighe.) Content specialists will be onsite for a minimum of 2 days per month plus an initial 4 day "instructional bootcamp during year 1." - Increased to include Teacher Stipends \$100,000/school - \$150 per student up to 1000 students

Total Estimated Cost:

\$416,400.00

Estimated Start Date:

6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description:

Ongoing

Person Responsible:

Director of Human Resources, Director of Federal Programs, District Technology Coordinator, Education Specialists, Site Technology Coordinators, and Regional Inservice Center

Item 1 Estimated Budget Category:

Professional Development

Item 1 Estimated Amount:

\$416,400.00

Item 1: Source(s) of Funds:

Title I

Title II

EETT

1003g

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Goal 1 Objectives: 2,4,5,6,7,10

Private School(s):

ID: 84

Title: Assessment

Description: **Gather, disaggregate, interpret, and utilize quantitative and qualitative data derived from various software programs to determine overall student mastery.**

Total Estimated Cost: \$227,847.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: School and central office administrators

Item 1 Estimated Budget Category: Telecommunications

Item 1 Estimated Amount: \$168,000.00

Item 1: Source(s) of Funds: **Erate**
General Funds
General Electric

Item 2 Estimated Budget Category: Internet Access

Item 2 Estimated Amount: \$42,999.00

Source(s) of Funds Item 2:	Erate General Funds General Electricte
Item 3 Estimated Budget Category:	Software
Item 3 Estimated Amount:	16848
Source(s) of Funds Item 3:	Title I
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Goal 1 Objectives:	2,4,5,6,7
Private School(s):	No
ID:	85
Title:	Electronic Communication
Description:	Utilize district and school websites, along with email and voice communication to convey to all stakeholders information concerning the school and the communities they serve on related issues. Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.
Total Estimated Cost:	\$210,999.00
Estimated Start Date:	6/1/2007
Estimated Completion Date:	6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	Administrators, and District Technology Coordinator
Item 1 Estimated Budget Category:	Internet Access

Item 1 Estimated Amount:	\$42,999.00
Item 1: Source(s) of Funds:	Erate General Funds General Electric
Item 2 Estimated Budget Category:	Telecommunications
Item 2 Estimated Amount:	\$168,000.00
Source(s) of Funds Item 2:	Erate General Funds General Electric
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Goal 1 Objectives:	2,4,5,6,7,10
Private School(s):	No
ID:	86

GOAL 2: EXPANDING OPPORTUNITIES THROUGH TECHNOLOGY

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

Our Interpretation

All Lowndes County stakeholders will benefit from extensive, authentic educational opportunities and resources through the use of technology.

**IDEAL Performance (Indicator for Goal 2):
When we have achieved Goal 2 we will see the following in our district:**

All teachers and administrators will work to support a technological friendly environment where a wide range of technology resources and educational opportunities are available at all levels of education and administration. All educators and students will benefit from individualized distance and local learning opportunities. All educators and students will utilize local and internet resources for curriculum and standard-based instruction.

DATA SOURCES: We will use the following data source(s) to monitor performance. Goal 2

Educate Alabama

Surveys

Monthly Evaluations from Technology Training Sessions

Impact Survey

Inventory List

Technology in Motion Training

Instructional Evaluation Snap-shots

Content Area Department Meeting minutes

Informal Observations

Monitoring Forms

WHERE WE STAND: We have made progress toward achieving Goal 2 in the following ways.

Teachers have been provided regular technology training sessions on a monthly basis. Teachers have been trained on the many ways to utilize PowerPoint in the classroom. Teachers have also been trained on the various resources such as, United Streaming/APT Plus, Digital Storytelling and Internet resources.

Consequently, as a result of being awarded the 1003g grant, four of our schools have received Smartboards/w attached projectors and speakers in every classroom. Teachers will also be receiving document cameras, epads, and new personal laptops.

Goal 2 Objectives

- 1 Educators will foster and nurture an environment that supports innovative uses of technology.
- 2 Technology resources are provided to support the learning and technology needs of the school and community.
- 3 Distance learning opportunities are provided to enhance learning and access to curriculum content.

Goal 2 Action Steps (Note: These may overlap with other Goals)

Title:	Professional Development #2
Description:	<p>Professional high quality technology professional development of appropriate programs and software. Teachers will continue to receive training in the areas of using the Internet as an additional resource to teaching and integrating into the curriculum.</p> <p>In addition, we will seek to train as many teachers to become Certified trainers through Intel Teach to the Future.</p> <p>Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.</p> <p>Teachers participated in "Summer Academies" in July and will continue to have professional development throughout the year on how to implement new strategies.</p> <p>As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for 24/7 access.</p>

As a result of the awarding of the 1003g grant, professional development and support on all implementation strategies, technology, evaluation systems, instruction models, and incentive programs. This will include up to 80 days per year total - Teacher Technology integration training = 1 day per week This will also include contracted content specialists to help teachers design standards-based units and teach based on the mastery of content. (Training with the teachers on how to build units will utilize the Backwards Design instructional planning model from Jay McTighe.) Content specialists will be onsite for a minimum of 2 days per month plus an initial 4 day "instructional bootcamp during year 1." - Increased to include Teacher Stipends \$100,000/school - \$150 per student up to 1000 students

Total Estimated Cost: \$1,800,963.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: Director of Human Resources/District Technology Coordinator/Transformation Specialist

Item 1 Estimated Budget Category: Professional Development

Item 1 Estimated Amount: \$450,000.00

Item 1: Source(s) of Funds: **Title II**
Technology-EETT
1003g

Item 2 Estimated Budget Category: Professional Development Materials and Supplies

Item 2 Estimated Amount: \$1,350,963.00

Source(s) of Funds Item 2:

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s):

Goal 2 Objectives:	1,2
ID:	77
Title:	Partnerships
Description:	Partner with Technology in Motion and In-service Center to ensure research based, job-embedded training opportunities occur.
Total Estimated Cost:	\$1,000.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	Director of Human Resources and District Technology Coordinator
Item 1 Estimated Budget Category:	Professional Development Materials and Supplies
Item 1 Estimated Amount:	\$1,000.00
Item 1: Source(s) of Funds:	Title IID
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	
Goal 2 Objectives:	2
ID:	78
Title:	Support
Description:	Utilize on-site technology coordinators and media specialists for monthly trainings for school staff.
Total Estimated Cost:	\$6,300.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: District Technology Coordinator

Item 1 Estimated Budget Category: Stipend

Item 1 Estimated Amount: \$6,300.00

Item 1: Source(s) of Funds: **Title II**
D-EETT

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s): No

Goal 2 Objectives: 1,2

ID: 79

Title: Technology Instructional Based Strategies

Description: **Personnel will utilize technology instructional based strategies throughout the course of the year. Examples include but not limited to: webquests, games, ClassWorks, STI Assessment, Computer-based instruction, PowerPoint, internet, Excel, Digital Storytelling, educational blogs, writing through MS Word, MS Publisher, and United Streaming.**

The ultimate goal is to train teachers on how to incorporate project-based activities into their lesson plans on a daily basis.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for providing instructional-based strategies to students.

In 2010, we received funding from the 1003g grant for Calhoun High School, Hayneville and Lowndes County Middle Schools, and Jackson-Steele Elementary School. These schools were provided extensive training during the summer on instructional based- strategies on utilizing technology in the classroom.

Total Estimated Cost:	\$442,343.00
Estimated Start Date:	6/1/2007
Estimated Completion Date:	6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	District Technology Coordinator, Principals, Site Tech Coordinators, LEA Improvement Spec., District Professional Development Coordinator
Item 1 Estimated Budget Category:	Internet Access
Item 1 Estimated Amount:	\$42,999.00
Item 1: Source(s) of Funds:	Erate General Funds General Electric EETT-Formula
Item 2 Estimated Budget Category:	Telecommunications
Item 2 Estimated Amount:	\$168,000.00
Source(s) of Funds Item 2:	Erate General Funds

	General Electric
Item 3 Estimated Budget Category:	Maintenance/Support Contracts for Software/Hardware
Item 3 Estimated Amount:	\$213,908.00
Source(s) of Funds Item 3:	Erate General Funds General Electric
Unlisted Category Item 4:	Software
Estimated Amount Item 4:	\$17,436.00
Source(s) of Funds Item 4:	
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	No
Goal 2 Objectives:	1
ID:	80
Title:	Learning Communities
Description:	To create professional learning communities via email to collaborate on best practices for technology integration within the content areas.
Total Estimated Cost:	\$162,999.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	Content Area Department Heads, Education Specialists, and Content Area Teachers

Item 1 Estimated Budget Category:	Internet Access
Item 1 Estimated Amount:	\$42,999.00
Item 1: Source(s) of Funds:	Erate General Funds General Electric
Item 2 Estimated Budget Category:	Instructional Classroom materials and supplies
Item 2 Estimated Amount:	\$120,000.00
Source(s) of Funds Item 2:	Title I EETT
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	No
Goal 2 Objectives:	2
ID:	81
Title:	Standard-based Curriculum
Description:	Implement a standard-based curriculum throughout the school district and align school districts curriculum frameworks in all content areas with state standards according to the Alabama Courses of Study(ALCOS), Alabama High School Graduation Examination(AHSGE), Alabama Reading and Math Test(ARMT), Compendium Supplement, and/or other standards of measurement as required by the State of Alabama and the Lowndes County Board of Education.
Total Estimated Cost:	\$23,250.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012
Timeframe Description:	Ongoing

Person Responsible:	Director of Federal Programs, Director of Human Resources, District Technology Coordinator, LEA School Improvement Specialist, Principals, Education Specialists and Teachers
Item 1 Estimated Budget Category:	Maintenance/Support Contracts for Software/Hardware
Item 1 Estimated Amount:	\$23,250.00
Item 1: Source(s) of Funds:	Title I Instructional Technology
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	
Goal 2 Objectives:	2
ID:	82

Title:	Student Achievement
Description:	<p>Implement computer-based instruction for Lowndes County Public Schools to rank in the 20% of school districts in the state of Alabama for student achievement in math, science, and technology education.</p> <p>We will also train teachers on incorporating project-based activities into the curriculum to engage all learners.</p> <p>Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.</p> <p>Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we</p>

doubled the amount of bandwidth to our schools and the central office.

As a result of being awarded the 1003g grant, we were able to provide academic coaches to assist teachers with lesson plans and technology integration in order to increase student achievement.

Total Estimated Cost:

\$315,060.00

Estimated Start Date:

6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description:

Ongoing

Person Responsible:

District Technology Coordinator, Director of Career Technical Education, Director of Federal Programs, Director of Human Resources, LEA School Improvement Specialist, Principals, Teachers, and Education Specialists

Item 1 Estimated Budget Category:

Equipment (Capitalized and Non-Capitalized)

Item 1 Estimated Amount:

\$9,000.00

Item 1: Source(s) of Funds:

Technology

Title I

Item 2 Estimated Budget Category:

Instructional Classroom materials and supplies

Item 2 Estimated Amount:

\$47,807.00

Source(s) of Funds Item 2:

Title I

Foundation

Item 3 Estimated Budget Category:

Telecommunications

Item 3 Estimated Amount:

\$168,000.00

Source(s) of Funds Item 3:

E-Rate

Sprint

	General Funds
	Generla Electric
Unlisted Category Item 4:	Maintenance Support for Contract Hardware and Software
Estimated Amount Item 4:	\$90,253.00
Source(s) of Funds Item 4:	Erate Sprint General Funds General Electric
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	No
Goal 2 Objectives:	1,2,3
ID:	83
Title:	Professional Development #!
Description:	<p>Provide on-going technological staff development activitiies designed to assist instructional and non-instructuional personnel in utilizing, integrating, and teaching technology across the curriculum. We will continue to seek to provide teachers with training that will allow them to become efficient technology integraters through the Intel Teach to the Future Program.</p> <p>Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.</p> <p>Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwith to our schools and the central office.</p>

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for 24/7 access.

As a result of the awarding of the 1003g grant, we will provide professional development and support on all implementation strategies, technology, evaluation systems, instruction models, and incentive programs. This will include up to 80 days per year total - Teacher Technology integration training = 1 day per week This will also include contracted content specialists to help teachers design standards-based units and teach based on the mastery of content. (Training with the teachers on how to build units will utilize the Backwards Design instructional planning model from Jay McTighe.) Content specialists will be onsite for a minimum of 2 days per month plus an initial 4 day "instructional bootcamp during year 1." - Increased to include Teacher Stipends \$100,000/school - \$150 per student up to 1000 students

Total Estimated Cost: \$416,400.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: Director of Human Resources, Director of Federal Programs, District Technology Coordinator, Education Specialists, Site Technology Coordinators, and Regional Inservice Center

Item 1 Estimated Budget Category: Professional Development

Item 1 Estimated Amount: \$416,400.00

Item 1: Source(s) of Funds: **Title I**
Title II
EETT
1003g

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s):	
Goal 2 Objectives:	1,3
ID:	84
Title:	Assessment
Description:	Gather, disaggregate, interpret, and utilize quantitative and qualitative data derived from various software programs to determine overall student mastery.
Total Estimated Cost:	\$227,847.00
Estimated Start Date:	6/1/2007
Estimated Completion Date:	6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	School and central office administrators
Item 1 Estimated Budget Category:	Telecommunications
Item 1 Estimated Amount:	\$168,000.00
Item 1: Source(s) of Funds:	Erate General Funds General Electric
Item 2 Estimated Budget Category:	Internet Access
Item 2 Estimated Amount:	\$42,999.00
Source(s) of Funds Item 2:	Erate General Funds General Electric
Item 3 Estimated Budget Category:	Software

Item 3 Estimated Amount:	\$16,848.00
Source(s) of Funds Item 3:	Title I
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	No
Goal 2 Objectives:	3
ID:	85
Title:	Electronic Communication
Description:	<p>Utilize district and school websites, along with email and voice communication to convey to all stakeholders information concerning the school and the communities they serve on related issues.</p> <p>Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.</p>
Total Estimated Cost:	\$210,999.00
Estimated Start Date:	6/1/2007
Estimated Completion Date:	6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	Administrators, and District Technology Coordinator
Item 1 Estimated Budget Category:	Internet Access
Item 1 Estimated Amount:	\$42,999.00
Item 1: Source(s) of Funds:	Erate General Funds General Electric

Item 2 Estimated Budget Category: Telecommunications

Item 2 Estimated Amount: \$168,000.00

Source(s) of Funds Item 2: Erate
General Funds
General Electric

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s): No

Goal 2 Objectives: 2

ID: 86

Title: Parental Involvement

Description: Parents will be provided professional development on utilizing technology to assist their child with homework and school activities.

In addition, parents will also be trained on how to use the INOW Parent Portal in order to successfully access their child's information.

Total Estimated Cost: \$12,663.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description:

Person Responsible: District Technology Coordinator

Item 1 Estimated Budget Category: Professional Development

Item 1 Estimated Amount: \$12,663.00

Item 1: Source(s) of Funds:	EETT Formula Funds Title I Funds
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	0
Private School(s):	No
Goal 2 Objectives:	2
ID:	3142

GOAL 3: TECHNOLOGY PROFESSIONAL DEVELOPMENT

All Alabama 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.

Our Interpretation

All teachers and administrators benefit from high-quality, technology research-based professional development necessary to achieve local, state, and national standards.

**IDEAL Performance (Indicator for Goal 3):
When we have achieved Goal 3 we will see the following in our district:**

All teachers and administrators will be provided with convenient, accessible, and meaningful professional development opportunities that are in alignment with local, state, and national standards and courses of study. All teachers and administrators demonstrate mastery of professional development objectives through articulation and action plans that result in improved student learning that is measurable. All professional development implementation decisions are consistently based on a variety of evaluation data that supports the effectiveness of the training based on student achievement. Supports, such as compensation, access to reliable and adequate technology, supplies,

and substitutes, are fully provided to allow adequate opportunity for participation.

DATA SOURCES: We will use the following data source(s) to monitor performance. Goal 3

Educate Alabama

Technology in Motion Training

Instructional Evaluation Snap-shots

Content Area Department Meeting minutes

Teacher/Student surveys

WHERE WE STAND: We have made progress toward achieving Goal 3 in the following ways.

Teachers have been provided regular technology training sessions on a monthly basis. Teachers have been trained on how the many ways to utilize PowerPoint in the classroom. Teachers have also been trained on the various resources such as, United Streaming/APT Plus, Digital Storytelling and Internet resources.

The Lowndes County Public School district will implement a scientific research based data disaggregation tool, Thinkgate. This tool includes the implementation of a system where real-time data is provided daily to our teachers, instructional assistants, academic coaches, and school administrators giving them the ability to make decisions based on individual student achievement data and specific needs.

Goal 3 Objectives

Description

Objective Description

- 1 Teachers, administrators and school staff are provided high quality, research-based, job-embedded, technology professional development that is aligned with local, state, and national standards and course of study content standards.
- 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.

Title:	Professional Development #2
Description:	<p>Professional high quality technology professional development of appropriate programs and software. Teachers will continue to receive training in the areas of using the Internet as an additional resource to teaching and integrating into the curriculum.</p> <p>In addition, we will seek to train as many teachers to become Certified trainers through Intel Teach to the Future.</p> <p>Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.</p> <p>Teachers participated in "Summer Academies" in July and will continue to have professional development throughout the year on how to implement new strategies.</p> <p>As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for 24/7 access.</p> <p>As a result of the awarding of the 1003g grant, professional development and support on all implementation strategies, technology, evaluation systems, instruction models, and incentive programs. This will include up to 80 days per year total - Teacher Technology integration training = 1 day per week This will also include contracted content specialists to help teachers design standards-based units and teach based on the mastery of content. (Training with the teachers on how to build units will utilize the Backwards Design instructional planning model from Jay McTighe.) Content specialists will be onsite for a minimum of 2 days per month plus an initial 4 day "instructional bootcamp during year 1." - Increased to include Teacher Stipends \$100,000/school - \$150 per student up to 1000 students</p>
Total Estimated Cost:	\$1,800,963.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012

Timeframe Description:	Ongoing
Person Responsible:	Director of Human Resources/District Technology Coordinator/Transformation Specialist
Item 1 Estimated Budget Category:	Professional Development
Item 1 Estimated Amount:	\$450,000.00
Item 1: Source(s) of Funds:	Title II Technology-EETT 1003g
Item 2 Estimated Budget Category:	Professional Development Materials and Supplies
Item 2 Estimated Amount:	\$1,350,963.00
Source(s) of Funds Item 2:	
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	
Goal 3 Objectives:	1,2,3
ID:	77
Title:	Partnerships
Description:	Partner with Technology in Motion and In-service Center to ensure research based, job-embedded training opportunities occur.
Total Estimated Cost:	\$1,000.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012

Timeframe Description:	Ongoing
Person Responsible:	Director of Human Resources and District Technology Coordinator
Item 1 Estimated Budget Category:	Professional Development Materials and Supplies
Item 1 Estimated Amount:	\$1,000.00
Item 1: Source(s) of Funds:	Title IID
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	
Goal 3 Objectives:	1,2
ID:	78

Title:	Support
Description:	Utilize on-site technology coordinators and media specialists for monthly trainings for school staff.
Total Estimated Cost:	\$6,300.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	District Technology Coordinator
Item 1 Estimated Budget Category:	Stipend
Item 1 Estimated Amount:	\$6,300.00
Item 1: Source(s) of Funds:	Title II D-EETT

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s): No

Goal 3 Objectives: 1,2

ID: 79

Title: Technology Instructional Based Strategies

Description: **Personnel will utilize technology instructional based strategies throughout the course of the year. Examples include but not limited to: webquests, games, ClassWorks, STI Assessment, Computer-based instruction, PowerPoint, internet, Excel, Digital Storytelling, educational blogs, writing through MS Word, MS Publisher, and United Streaming.**

The ultimate goal is to train teachers on how to incorporate project-based activities into their lesson plans on a daily basis.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for providing instructional-based strategies to students.

In 2010, we received funding from the 1003g grant for Calhoun High School, Hayneville and Lowndes County Middle Schools, and Jackson-Steele Elementary School. These schools were provided extensive training during the summer on

instructional based- strategies on utilizing technology in the classroom.

Total Estimated Cost:

\$442,343.00

Estimated Start Date:

6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description:

Ongoing

Person Responsible:

District Technology Coordinator, Principals, Site Tech Coordinators, LEA Improvement Spec., District Professional Development Coordinator

Item 1 Estimated Budget Category:

Internet Access

Item 1 Estimated Amount:

\$42,999.00

Item 1: Source(s) of Funds:

Erate
General Funds
General Electric

EETT-Formula

Item 2 Estimated Budget Category:

Telecommunications

Item 2 Estimated Amount:

\$168,000.00

Source(s) of Funds Item 2:

Erate
General Funds
General Electric

Item 3 Estimated Budget Category:

Maintenance/Support Contracts for Software/Hardware

Item 3 Estimated Amount:

\$213,908.00

Source(s) of Funds Item 3:

Erate
General Funds
General Electric

Unlisted Category Item 4:

Software

Estimated Amount Item 4: \$17,436.00

Source(s) of Funds Item 4:

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s): No

Goal 3 Objectives: 1,2,3

ID: 80

Title: Learning Communities

Description: **To create professional learning communities via email to collaborate on best practices for technology integration within the content areas.**

Total Estimated Cost: \$162,999.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: Content Area Department Heads, Education Specialists, and Content Area Teachers

Item 1 Estimated Budget Category: Internet Access

Item 1 Estimated Amount: \$42,999.00

Item 1: Source(s) of Funds: **Erate**
General Funds
General Electric

Item 2 Estimated Budget Category: Instructional Classroom materials and supplies

Item 2 Estimated Amount: \$120,000.00

Source(s) of Funds Item 2:	Title I EETT
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	No
Goal 3 Objectives:	2,3
ID:	81
Title:	Standard-based Curriculum
Description:	Implement a standard-based curriculum throughout the school district and align school districts curriculum frameworks in all content areas with state standards according to the Alabama Courses of Study(ALCOS), Alabama High School Graduation Examination(AHSGE), Alabama Reading and Math Test(ARMT), Compendium Supplement, and/or other standards of measurement as required by the State of Alabama and the Lowndes County Board of Education.
Total Estimated Cost:	\$23,250.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	Director of Federal Programs, Director of Human Resources, District Technology Coordinator, LEA School Improvement Speicalist, Principals, Education Specialists and Teachers
Item 1 Estimated Budget Category:	Maintenance/Support Contracts for Software/Hardware
Item 1 Estimated Amount:	\$23,250.00
Item 1: Source(s) of Funds:	Title I Instructional

Technology

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s):

Goal 3 Objectives: 1,2

ID: 82

Title: Student Achievement

Description: **Implement computer-based instruction for Lowndes County Public Schools to rank in the 20% of school districts in the state of Alabama for student achievement in math, science, and technology education.**

We will also train teachers on incorporating project-based activities into the curriculum to engage all learners.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As a result of being awarded the 1003g grant, we were able to provide academic coaches to assist teachers with lesson plans and technology integration in order to increase student achievement.

Total Estimated Cost: \$315,060.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description:	Ongoing
Person Responsible:	District Technology Coordinator, Director of Career Technical Education, Director of Federal Programs, Director of Human Resources, LEA School Improvement Specialist, Principals, Teachers, and Education Specialists
Item 1 Estimated Budget Category:	Equipment (Capitalized and Non-Capitalized)
Item 1 Estimated Amount:	\$9,000.00
Item 1: Source(s) of Funds:	Technology Title I
Item 2 Estimated Budget Category:	Instructional Classroom materials and supplies
Item 2 Estimated Amount:	\$47,807.00
Source(s) of Funds Item 2:	Title I Foundation
Item 3 Estimated Budget Category:	Telecommunications
Item 3 Estimated Amount:	\$168,000.00
Source(s) of Funds Item 3:	E-Rate Sprint General Funds Generla Electric
Unlisted Category Item 4:	Maintenance Support for Contract Hardware and Software
Estimated Amount Item 4:	\$90,253.00
Source(s) of Funds Item 4:	Erate Sprint General Funds

General Electric

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s):

No

Goal 3 Objectives:

1,2,3

ID:

83

Title:

Professional Development #!

Description:

Provide on-going technological staff development activities designed to assist instructional and non-instructional personnel in utilizing, integrating, and teaching technology across the curriculum. We will continue to seek to provide teachers with training that will allow them to become efficient technology integrators through the Intel Teach to the Future Program.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for 24/7 access.

As a result of the awarding of the 1003g grant, we will provide professional development and support on all implementation strategies, technology, evaluation systems, instruction models, and incentive programs. This will include up to 80 days per year total - Teacher Technology integration training = 1 day per week This will also include contracted content specialists to help teachers design standards-based units and teach based on the mastery of content. (Training with the teachers on how to build units will utilize the Backwards Design instructional planning model from Jay McTighe.) Content specialists will be onsite for a minimum of 2 days per month plus an initial 4 day "instructional bootcamp during

year 1." - Increased to include Teacher Stipends \$100,000/school - \$150 per student up to 1000 students

Total Estimated Cost: \$416,400.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: Director of Human Resources, Director of Federal Programs, District Technology Coordinator, Education Specialists, Site Technology Coordinators, and Regional Inservice Center

Item 1 Estimated Budget Category: Professional Development

Item 1 Estimated Amount: \$416,400.00

Item 1: Source(s) of Funds:
Title I
Title II
EETT
1003g

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s):

Goal 3 Objectives: 1,2

ID: 84

Title: Assessment

Description: **Gather, disaggregate, interpret, and utilize quantitative and qualitative data derived from various software programs to determine overall student mastery.**

Total Estimated Cost: \$227,847.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: School and central office administrators

Item 1 Estimated Budget Category: Telecommunications

Item 1 Estimated Amount: \$168,000.00

Item 1: Source(s) of Funds: **Erate**
General Funds
General Electric

Item 2 Estimated Budget Category: Internet Access

Item 2 Estimated Amount: \$42,999.00

Source(s) of Funds Item 2: Erate
General Funds
General Electric

Item 3 Estimated Budget Category: Software

Item 3 Estimated Amount: \$16,848.00

Source(s) of Funds Item 3: Title I

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s): No

Goal 3 Objectives: 1,3

ID: 85

Title:	Electronic Communication
Description:	<p>Utilize district and school websites, along with email and voice communication to convey to all stakeholders information concerning the school and the communities they serve on related issues.</p> <p>Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.</p>
Total Estimated Cost:	\$210,999.00
Estimated Start Date:	6/1/2007
Estimated Completion Date:	6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	Administrators, and District Technology Coordinator
Item 1 Estimated Budget Category:	Internet Access
Item 1 Estimated Amount:	\$42,999.00
Item 1: Source(s) of Funds:	Erate General Funds General Electric
Item 2 Estimated Budget Category:	Telecommunications
Item 2 Estimated Amount:	\$168,000.00
Source(s) of Funds Item 2:	Erate General Funds General Electric
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	No

Goal 3 Objectives:

2

ID:

86

GOAL 4: TECHNOLOGY INFRASTRUCTURE

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

Our Interpretation

All students, teachers, and administrators will have access to the appropriate technology resources and infrastructure necessary to support teaching, modeling, and learning.

IDEAL Performance (Indicator for Goal 4)

When we have achieved Goal 4 we will see the following in our district:

All instructional and administrative areas will be equipped with current technological resources to support the teaching and learning goals of the district. All infrastructure resources, such as bandwidth, Internet resources, hardware, software, communication resources, etc., will be implemented so that students, teachers, and administrators are afforded safe convenient access. All fiscal and personnel resources will be budgeted and provided support in order to support technology including professional development, hardware, software, connectivity, etc.

DATA SOURCES: We will use the following data source(s) to monitor performance. Goal 4

Educate Alabama

Surveys

Monthly Evaluations from Technology Training Sessions

Impact Survey
Inventory List
Technology in Motion Training
Instructional Evaluation Snap-shots
Content Area Department Meeting minutes
Informal Observations
Monitoring Forms

Lesson Plans

WHERE WE STAND: We have made progress toward achieving Goal 4 in the following ways.

All classrooms have the ceiling mounted projectors and the interactive tablets. Teachers also have access to a wall mounted interactive board in each computer lab and a interactive board on a stand that is available for check out.

All computers are wired for Internet access. Teachers and students have unlimited access to educational resources via the Internet. Teachers and students have access to local resources such as Classworks, STI-Assessment, and numerous resources located on the district's website.

Teachers were provided regular technology training sessions on a monthly basis. Teachers were trained on how the many ways to utilize PowerPoint in the classroom. Teachers were also trained on the various resources such as, United Streaming/APT Plus, Digital Storytelling and Internet resources.

Consequently, as a result of being awarded the 1003g grant, four of our schools have received Smartboards/w attached projectors and speakers in every classroom. Teachers will also be receiving document cameras, epads, and new personal laptops.

Goal 4 Objectives

Description

Objective Description

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.

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

5 District technology budgets represent at least 5% of each district's total budget.

6 The district provides a sufficient ratio of technical staff to support student, teacher, and administrator technology use.

7 The district provides a sufficient ratio of persons to support teachers and administrators in their efforts to achieve technology competency and to integrate technology into the curriculum.

8 Districts and schools will create and maintain websites as vehicles for communicating to parents, the community, and extending school resources to students outside of the school day.

Count : 8

Goal 4 Action Steps (Note: These may overlap with other Goals)

Title:	Professional Development #2
Description:	<p>Professional high quality technology professional development of appropriate programs and software. Teachers will continue to receive training in the areas of using the Internet as an additional resource to teaching and integrating into the curriculum.</p> <p>In addition, we will seek to train as many teachers to become Certified trainers through Intel Teach to the Future.</p> <p>Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.</p>

Teachers participated in "Summer Academies" in July and will continue to have professional development throughout the year on how to implement new strategies.

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for 24/7 access.

As a result of the awarding of the 1003g grant, professional development and support on all implementation strategies, technology, evaluation systems, instruction models, and incentive programs. This will include up to 80 days per year total - Teacher Technology integration training = 1 day per week This will also include contracted content specialists to help teachers design standards-based units and teach based on the mastery of content. (Training with the teachers on how to build units will utilize the Backwards Design instructional planning model from Jay McTighe.) Content specialists will be onsite for a minimum of 2 days per month plus an initial 4 day "instructional bootcamp during year 1." - Increased to include Teacher Stipends \$100,000/school - \$150 per student up to 1000 students

Total Estimated Cost: \$1,800,963.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: Director of Human Resources/District Technology Coordinator/Transformation Specialist

Item 1 Estimated Budget Category: Professional Development

Item 1 Estimated Amount: \$450,000.00

Item 1: Source(s) of Funds: **Title II**
Technology-EETT
1003g

Item 2 Estimated Budget Category: Professional Development Materials and Supplies

Item 2 Estimated Amount: \$1,350,963.00

Source(s) of Funds Item 2:	
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	
Goal 4 Objectives:	1,3,4,7
ID:	77
Title: Partnerships	
Description:	Partner with Technology in Motion and In-service Center to ensure research based, job-embedded training opportunities occur.
Total Estimated Cost:	\$1,000.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	Director of Human Resources and District Technology Coordinator
Item 1 Estimated Budget Category:	Professional Development Materials and Supplies
Item 1 Estimated Amount:	\$1,000.00
Item 1: Source(s) of Funds:	Title IID
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	
Goal 4 Objectives:	7

ID:	78
Title:	Support
Description:	Utilize on-site technology coordinators and media specialists for monthly trainings for school staff.
Total Estimated Cost:	\$6,300.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	District Technology Coordinator
Item 1 Estimated Budget Category:	Stipend
Item 1 Estimated Amount:	\$6,300.00
Item 1: Source(s) of Funds:	Title II D-EETT
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	No
Goal 4 Objectives:	6
ID:	79
Title:	Technology Instructional Based Strategies
Description:	Personnel will utilize technology instructional based strategies throughout the course of the year. Examples include but not limited to: webquests, games, ClassWorks, STI Assessment, Computer-based instruction, PowerPoint, internet, Excel, Digital Storytelling, educational blogs, writing through MS Word, MS Publisher, and United Streaming.

The ultimate goal is to train teachers on how to incorporate project-based activities into their lesson plans on a daily basis.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for providing instructional-based strategies to students.

In 2010, we received funding from the 1003g grant for Calhoun High School, Hayneville and Lowndes County Middle Schools, and Jackson-Steele Elementary School. These schools were provided extensive training during the summer on instructional based- strategies on utilizing technology in the classroom.

Total Estimated Cost: \$442,343.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: District Technology Coordinator, Principals, Site Tech Coordinators, LEA Improvement Spec., District Professional Development Coordinator

Item 1 Estimated Budget Category: Internet Access

Item 1 Estimated Amount: \$42,999.00

Item 1: Source(s) of Funds: **Erate
General Funds**

General Electric

EETT-Formula

Item 2 Estimated Budget Category:

Telecommunications

Item 2 Estimated Amount:

\$168,000.00

Source(s) of Funds Item 2:

Erate
General Funds
General Electric

Item 3 Estimated Budget Category:

Maintenance/Support Contracts for Software/Hardware

Item 3 Estimated Amount:

\$213,908.00

Source(s) of Funds Item 3:

Erate
General Funds
General Electric

Unlisted Category Item 4:

Software

Estimated Amount Item 4:

\$17,436.00

Source(s) of Funds Item 4:

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s):

No

Goal 4 Objectives:

1,2,3,4,5,6,7,8

ID:

80

Title:

Learning Communities

Description:	To create professional learning communities via email to collaborate on best practices for technology integration within the content areas.
Total Estimated Cost:	\$162,999.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	Content Area Department Heads, Education Specialists, and Content Area Teachers
Item 1 Estimated Budget Category:	Internet Access
Item 1 Estimated Amount:	\$42,999.00
Item 1: Source(s) of Funds:	Erate General Funds General Electric
Item 2 Estimated Budget Category:	Instructional Classroom materials and supplies
Item 2 Estimated Amount:	\$120,000.00
Source(s) of Funds Item 2:	Title I EETT
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	No
Goal 4 Objectives:	3,7
ID:	81
Title:	Standard-based Curriculum

Description:	Implement a standard-based curriculum throughout the school district and align school districts curriculum frameworks in all content areas with state standards according to the Alabama Courses of Study(ALCOS), Alabama High School Graduation Examination(AHSGE), Alabama Reading and Math Test(ARMT), Compendium Supplement, and/or other standards of measurement as required by the State of Alabama and the Lowndes County Board of Education.
Total Estimated Cost:	\$23,250.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	Director of Federal Programs, Director of Human Resources, District Technology Coordinator, LEA School Improvement Specialist, Principals, Education Specialists and Teachers
Item 1 Estimated Budget Category:	Maintenance/Support Contracts for Software/Hardware
Item 1 Estimated Amount:	\$23,250.00
Item 1: Source(s) of Funds:	Title I Instructional Technology
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	
Goal 4 Objectives:	7
ID:	82
Title:	Student Achievement
Description:	Implement computer-based instruction for Lowndes County Public Schools to rank in the 20% of school districts in the state of Alabama for student achievement in math, science, and technology education.

We will also train teachers on incorporating project-based activities into the curriculum to engage all learners.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As a result of being awarded the 1003g grant, we were able to provide academic coaches to assist teachers with lesson plans and technology integration in order to increase student achievement.

Total Estimated Cost: \$315,060.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description: **Ongoing**

Person Responsible: District Technology Coordinator, Director of Career Technical Education, Director of Federal Programs, Director of Human Resources, LEA School Improvement Specialist, Principals, Teachers, and Education Specialists

Item 1 Estimated Budget Category: Equipment (Capitalized and Non-Capitalized)

Item 1 Estimated Amount: \$9,000.00

Item 1: Source(s) of Funds: **Technology**

Title I

Item 2 Estimated Budget Category: Instructional Classroom materials and supplies

Item 2 Estimated Amount: \$47,807.00

Source(s) of Funds Item 2:	Title I Foundation
Item 3 Estimated Budget Category:	Telecommunications
Item 3 Estimated Amount:	\$168,000.00
Source(s) of Funds Item 3:	E-Rate Sprint General Funds Generla Electric
Unlisted Category Item 4:	Maintenance Support for Contract Hardware and Software
Estimated Amount Item 4:	\$90,253.00
Source(s) of Funds Item 4:	Erate Sprint General Funds General Electric
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	No
Goal 4 Objectives:	1,2,3,4,6
ID:	83
Title:	Professional Development #!
Description:	Provide on-going technological staff development activitiies designed to assist instructional and non-instructuional personnel in utilizing, integrating, and teaching technology across the curriculum. We will continue to seek to provide teachers with training that will allow them to become efficient technology

integraters through the Intel Teach to the Future Program.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for 24/7 access.

As a result of the awarding of the 1003g grant, we will provide professional development and support on all implementation strategies, technology, evaluation systems, instruction models, and incentive programs. This will include up to 80 days per year total - Teacher Technology integration training = 1 day per week This will also include contracted content specialists to help teachers design standards-based units and teach based on the mastery of content. (Training with the teachers on how to build units will utilize the Backwards Design instructional planning model from Jay McTighe.) Content specialists will be onsite for a minimum of 2 days per month plus an initial 4 day "instructional bootcamp during year 1." - Increased to include Teacher Stipends \$100,000/school - \$150 per student up to 1000 students

Total Estimated Cost:

\$416,400.00

Estimated Start Date:

6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description:

Ongoing

Person Responsible:

Director of Human Resources, Director of Federal Programs, District Technology Coordinator, Education Specialists, Site Technology Coordinators, and Regional Inservice Center

Item 1 Estimated Budget Category:

Professional Development

Item 1 Estimated Amount:

\$416,400.00

Item 1: Source(s) of Funds:	Title I Title II EETT 1003g
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	
Goal 4 Objectives:	1,2,3,4,5
ID:	84
Title:	Assessment
Description:	Gather, disaggregate, interpret, and utilize quantitative and qualitative data derived from various software programs to determine overall student mastery.
Total Estimated Cost:	\$227,847.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012
Timeframe Description:	Ongoing
Person Responsible:	School and central office administrators
Item 1 Estimated Budget Category:	Telecommunications
Item 1 Estimated Amount:	\$168,000.00
Item 1: Source(s) of Funds:	Erate General Funds

General Electric

Item 2 Estimated Budget Category: Internet Access

Item 2 Estimated Amount: \$42,999.00

Source(s) of Funds Item 2: Erate
General Funds
General Electricte

Item 3 Estimated Budget Category: Software

Item 3 Estimated Amount: \$16,848.00

Source(s) of Funds Item 3: Title I

ARRA-09 Formula Funds:

ARRA-09 Competitive Funds:

Private School(s): No

Goal 4 Objectives: 3

ID: 85

Title: Electronic Communication

Description: **Utilize district and school websites, along with email and voice communication to convey to all stakeholders information concerning the school and the communities they serve on related issues.**

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Total Estimated Cost: \$210,999.00

Estimated Start Date: 6/1/2007 **Estimated Completion Date:** 6/30/2012

Timeframe Description:	Ongoing
Person Responsible:	Administrators, and District Technology Coordinator
Item 1 Estimated Budget Category:	Internet Access
Item 1 Estimated Amount:	\$42,999.00
Item 1: Source(s) of Funds:	Erate General Funds General Electric
Item 2 Estimated Budget Category:	Telecommunications
Item 2 Estimated Amount:	\$168,000.00
Source(s) of Funds Item 2:	Erate General Funds General Electric
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	No
Goal 4 Objectives:	2,4,5,6,7
ID:	86
Title:	School Websites
Description:	Personnel at the local schools will maintain a school website for communicating with students, parents and the community.
Total Estimated Cost:	\$43,500.00
Estimated Start Date:	6/1/2007 Estimated Completion Date: 6/30/2012

Timeframe Description:	The maintenance of this website shall be continuous
Person Responsible:	School Administrator or designee
Item 1 Estimated Budget Category:	Internet Access
Item 1 Estimated Amount:	\$4,500.00
Item 1: Source(s) of Funds:	Erate EETT Formula Funds
Item 2 Estimated Budget Category:	Telecommunications
Item 2 Estimated Amount:	\$39,000.00
Source(s) of Funds Item 2:	
ARRA-09 Formula Funds:	
ARRA-09 Competitive Funds:	
Private School(s):	No
Goal 4 Objectives:	8
ID:	3143

E-Rate Information for Funding Year 2011 – 2012

Covering E-Rate period July 1, 2011 through June 30, 2012

E-Rate Related Action Steps to E-Rate FY 2011 – 2012:

Description	Total Estimated Cost	Goal 1	Goal 2	Goal 3	Goal 4	ID
<p>Professional high quality technology professional development of appropriate programs and software. Teachers will continue to receive training in the areas of using the Internet as an additional resource to teaching and integrating into the curriculum.</p> <p>In addition, we will seek to train as many teachers to become Certified trainers through Intel Teach to the Future.</p> <p>Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.</p> <p>Teachers participated in "Summer Academies" in July and will continue to have professional development throughout the year on how to implement new strategies.</p> <p>As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for 24/7 access.</p> <p>As a result of the awarding of the 1003g grant, professional development and support on all implementation strategies, technology, evaluation systems, instruction models, and incentive programs. This will include up to 80 days per year total - Teacher Technology integration training = 1 day per week This will also include contracted content specialists to help teachers design</p>	\$1,800,963.00	Yes	Yes	Yes	Yes	-

77

E-Rate Budget Information

<p>Action Step ID: 80</p> <p>Pre-Discount Amount Eligible for Discount:</p> <p>Enter 90% expected discount %:</p> <p>Funding Commitment Request Amount: \$37,800.00</p> <p>Total amount responsible: \$4,200.00</p> <p>Note: Internet Access (Internet/4)</p>
<p>Action Step ID: 80</p> <p>Pre-Discount Amount Eligible for Discount:</p> <p>Enter 90% expected discount %:</p> <p>Funding Commitment: \$151,200.00</p>

standards-based units and teach based on the mastery of content. (Training with the teachers on how to build units will utilize the Backwards Design instructional planning model from Jay McTighe.) Content specialists will be onsite for a minimum of 2 days per month plus an initial 4 day "instructional bootcamp during year 1." - Increased to include Teacher Stipends \$100,000/school - \$150 per student up to 1000 students

Personnel will utilize technology instructional based strategies throughout the course of the year. Examples include but not limited to: webquests, games, ClassWorks, STI Assessment, Computer-based instruction, PowerPoint, internet, Excel, Digital Storytelling, educational blogs, writing through MS Word, MS Publisher, and United Streaming.

The ultimate goal is to train teachers on how to incorporate project-based activities into their lesson plans on a daily basis.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for providing instructional-based strategies to students.

In 2010, we received funding from the 1003g grant for Calhoun High School, Hayneville and Lowndes County Middle Schools, and Jackson-Steele Elementary School. These schools were provided extensive training during the

\$442,343.00 Yes Yes Yes Yes -
-

80

Request Amount:

Total amount responsible: \$16,800.00

Note: Telecommunication (WAN/4)

Action Step ID: 80

Pre-Discount Amount Eligible for Discount:

Enter expected discount %: 90%

Funding Commitment Request Amount: \$192,065.91

Total amount responsible: \$21,340.66

Note: Maintenance (Tech Spt/2 + Manuf Maint/2)

Action Step ID: 81

Pre-Discount Amount Eligible for Discount:

Enter expected discount %: 90%

summer on instructional based- strategies on utilizing technology in the classroom.

To create professional learning communities via email to collaborate on best practices for technology integration within the content areas. \$162,999.00 Yes Yes Yes Yes -

81

Implement computer-based instruction for Lowndes County Public Schools to rank in the 20% of school districts in the state of Alabama for student achievement in math, science, and technology education. \$315,060.00 Yes Yes Yes Yes -

We will also train teachers on incorporating project-based activities into the curriculum to engage all learners.

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

83

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As a result of being awarded the 1003g grant, we were able to provide academic coaches to assist teachers with lesson plans and technology integration in order to increase student achievement.

Provide on-going technological staff development activities designed to assist instructional and non-instructional personnel in utilizing, integrating, and teaching technology across the curriculum. We will continue to seek to provide teachers with training that will allow them to become efficient technology integrators through the Intel Teach to the Future Program. \$416,400.00 Yes Yes Yes Yes -

84

discount %:

Funding \$37,800.00
Commitment Request Amount:

Total amount \$4,200.00
responsible:

Note: Internet Access (Internet/4)

Action Step ID: 83

Pre-Discount Amount Eligible for Discount:

Enter 90%
expected discount %:

Funding \$151,200.00
Commitment Request Amount:

Total amount \$16,800.00
responsible:

Note: Telecommunication (WAN/4)

Action Step ID: 83

Pre-Discount Amount Eligible for

Content filtering is CIPA compliant, and the reporting of the traffic allows for anomalies to be detected and investigated.

Because our students and teachers will be increasing their use of the Internet, during the 2008-2009 school year, we doubled the amount of bandwidth to our schools and the central office.

As part of our goal to upgrade our library software program from Concourse to Atrium, teachers will be trained on its utilization for 24/7 access.

As a result of the awarding of the 1003g grant, we will provide professional development and support on all implementation strategies, technology, evaluation systems, instruction models, and incentive programs. This will include up to 80 days per year total - Teacher Technology integration training = 1 day per week This will also include contracted content specialists to help teachers design standards-based units and teach based on the mastery of content. (Training with the teachers on how to build units will utilize the Backwards Design instructional planning model from Jay McTighe.) Content specialists will be onsite for a minimum of 2 days per month plus an initial 4 day "instructional bootcamp during year 1." - Increased to include Teacher Stipends \$100,000/school - \$150 per student up to 1000 students

Gather, disaggregate, interpret, and utilize quantitative and qualitative data derived from various software programs to determine overall student mastery.

\$227,847.00 Yes Yes Yes Yes - **85**

Utilize district and school websites, along with email and voice communication to convey to all stakeholders information concerning the school and the communities they serve on related issues.

\$210,999.00 Yes Yes Yes Yes - **86**

Content filtering is CIPA compliant, and the reporting of the traffic allows for

Discount:

Enter 90% expected discount %:

**Funding \$192,065.91
Commitment Request Amount:**

Total amount \$21,340.66 responsible:

Note: Maintenance (Tech Spt/2 + Manuf Maint/2)

Action Step ID: 85

Pre-Discount \$42,999.96 Amount Eligible for Discount:

Enter 90% expected discount %:

**Funding \$38,699.96
Commitment Request Amount:**

Total amount \$4,300.00 responsible:

Note: Internet Access (Internet/4)

Action Step ID: 85

anomalies to be detected and investigated.

Parents will be provided professional development on utilizing technology to assist their child with homework and school activities. \$12,663.00 No Yes No No -

3142

In addition, parents will also be trained on how to use the INOW Parent Portal in order to successfully access their child's information.

Personnel at the local schools will maintain a school website for communicating with students, parents and the community. \$43,500.00 No No No Yes -

3143

Pre-Discount Amount Eligible for Discount: \$168,000.00

Enter 90% expected discount %:

Funding Commitment Request Amount: \$151,200.00

Total amount responsible: \$16,800.00

Note: Telecommunication (WAN/4)

Action Step ID: 86

Pre-Discount Amount Eligible for Discount: \$42,000.00

Enter 90% expected discount %:

Funding Commitment Request Amount: \$37,800.00

Total amount responsible: \$4,200.00

Note: Internet Access (Internet/4)

Action Step ID: 86

Pre-Discount Amount Eligible for Discount: \$78,745.08

Enter expected discount %: 90%

Funding Commitment Request Amount: \$70,870.57

Total amount responsible: \$7,874.51

Note: Telecommunication (Phones x3 providers & Cell phones + WAN/4)

E-Rate Consortium Participation

Describe the services provided by the consortium:

- 20 Mbps Internet Connectivity
- 20Mbps connectivity for ACCESS designated school
- Firewall Service
- Basic Maintenance & Technical Support Services
- Base Level Email/Web Hosting Service

Briefly describe where the services provided are covered in this technology plan:

Goal 2 and Goal 4

Computer Inventory Data

School/Location	Count of Computers in Schools						High Speed Internet Connected						Count of Aged Computers			Count of Classrooms with computers indicated						
	Classroom	Library	Labs	Other	Total Student Use	Admin	Classroom	Library	Lab	Other	Total Student Use	Admin	0 thru 12 Months	13 thru 36 Months	37 thru 60 Months	Total Rooms	0	1	2	3	4	5+
Lowndes County BOE	0	0	0	0	0	21	0	0	0	0	0	21	5	18	0	0	0	0	0	0	0	0
Lowndes County Career Technical Center	63	0	12	0	75	3	63	0	12	0	75	3	18	10	20	8	2	0	1	0	4	
Lowndes County Middle School	39	15	43	8	105	4	39	15	43	8	105	7	30	31	44	15	2	2	2	3	4	
Jackson-Steele Elementary School	33	6	24	2	65	8	33	6	24	3	66	8	15	21	39	19	3	2	12	1	1	
Hayneville Middle School	96	5	50	10	161	11	96	5	50	5	156	5	34	49	84	17	0	2	0	3	2	
Fort Deposit Elementary School	82	7	22	2	113	5	82	7	22	0	111	3	54	35	68	22	8	7	6	0	1	
Central Elementary School	43	7	29	3	82	9	43	7	29	0	79	5	28	22	50	31	3	3	8	6	7	
Central High School	83	9	43	3	138	12	83	9	43	5	140	5	20	37	81	25	10	9	2	2	2	

Calhoun High School	99	10	95	2	206	4	99	10	95	2	206	6	28	56	125	27	11	6	3	3	4
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Handheld Computers

School Name	Classroom	Admin	Other
Lowndes County BOE	0	0	0
Lowndes County Career Technical Center	0	0	0
Lowndes County Middle School	0	0	0
Jackson-Steele Elementary School	0	0	0
Hayneville Middle School	0	0	0
Fort Deposit Elementary School	0	0	0
Central Elementary School	0	0	0
Central High School	0	0	0
Calhoun High School	0	0	0

Technology Planning Team

First Name	Last Name	School/Organization
Mary	Bibb	Hayneville Middle School
Adriene	Butler	Lowndes Middle School
Ronda	Daniel	Hayneville Middle School
Shenitra	Dees	Calhoun High School
Ja'net	Edgecombe	Fort Deposit Elementary
Geraldine	Gipson	Calhoun High School
Annie	Hayes	Central Elementary
Walter	Hill	Director of Lowndes County Emergency Management Agency
Renata	Hollins	Calhoun High School
Angela	Martin	Central Office
Willie	Martin-Berry	Central High School
Benitha D	Mathews	Central Office
Dione	McCall	Hayneville Middle School
Rosa	Mickles	Jackson-Steele Elementary
Clarence	Pettway	Central Elementary School

Clifford	Porter	Central High School
Stephanie	Rogers	Hayneville Middle School
Kizzy	Rudolph	Parent
Wanda	Russell	Central High School
Jason	Seaborn	Fort Deposit Elementary School
Melanie	Sharpless	Fort Deposit Elementary
Renaë	Shelby	Central High School
Rachel	Simmons	Central High School
Kimberly	Simms	Calhoun High School
Michael	Taylor	Fort Deposit Elementary
Stacy	Williams	Calhoun High School

Technology Support Personnel

Technology Integration Support and Technical Personnel

Describe the Instructional Technology Support provided:

School Technology Coordinators (STC) are hired to assist the District's Technology Coordinator with instructional technology. School Technology Coordinators are provided training and then are required to train the teachers at their respective schools.

In addition, they are also trained to perform minor technical duties.

Technology Instruction Support Persons (FTE):	0
Describe the duties of the Technical Support personnel (briefly):	There aren't any technical support personnel employed with the Lowndes County Public School system.
Technical Support:	0



LEA Submission

This document serves as the official submission of our school system's Technology Plan for School FY 2010-2011 and E-Rate FY July 1, 2011 through June 30, 2012. We certify that the information

included in the plan meets the Technology Plan component required for the E-Rate program (listed below) and understand that the technology plan must be updated annually to meet E-Rate requirements and to maintain current technology planning information.

To qualify as an approved Technology Plan for a Universal Service discount, the plan must meet the following five criteria that are core elements of successful school and library technology initiatives:

1. The plan must establish clear goals and a realistic strategy for using telecommunications and information technology to improve education or library services;
2. The plan must have a professional development strategy to ensure that staff know how to use these new technologies to improve education or library services;
3. The plan must include an assessment of the telecommunication services, hardware, software, and other services that will be needed to improve education or library services;
4. The plan must provide for a sufficient budget to acquire and support the non-discounted elements of the plan: the hardware, software, professional development, and other services that will be needed to implement the strategy; and
5. The plan must include an evaluation process that enables the school or library to monitor progress toward the specified goals and make mid-course corrections in response to new developments and opportunities as they arise.

We understand that to comply with item 5 in the list above we may either make changes during the annual update period due in September of each year or request for an official amendment if changes are necessary prior to the update requirement.

We certify to the best of our knowledge and belief that the data in the online submission is true and correct, that the filing of the Online Technology Plan has been duly authorized by the governing body of the school system. This technology plan consists of three separate sections (Technology Plan,

Detail, and Inventory) and any submitted attachments.

We also recognize that data submitted in the Inventory Section will be used in our School and System Report Card. (See the Inventory Section of this technology plan)

Superintendent	Signature	Date
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Technology Coordinator	Signature	Date
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Financial Officer	Signature	Date
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Mail to: Alabama Department of Education, Office of Technology Initiatives, 50 N. Ripley Street, 5351 Gordon Persons Building, Montgomery, AL 36104



Submittal Status

LEA Status

Modified By

Modified

Updates Complete Ready for Level 1

[Benitha Mathews](#)

9/16/2010 6:44 AM