

Alabama K-12 Technology Planning

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Approved for:

School Year: 2012

E-Rate Funding Year: FY2013 (July 1, 2013 - June 30, 2014)

System Information

Select	System Name	Superintendent	Technology Coordinator	Financial Officer	City	State
<input checked="" type="checkbox"/>	Lowndes County	Daniel Boyd, Ph.D.	Benitha D. Mathews, Ed.D	Marc Nicholas	Hayneville	AL

Planning Team

First Name	Last Name	Job Title	School/Organization
Darryl	Arms		Fort Deposit Elementary
James	Bibb	Media Specialist	The Calhoun School
Jason	Burroughs	Assistant Superintendent	Central Office
Adriene	Butler	Media Specialist	Lowndes Middle School
Ronda	Daniel		Hayneville Middle School
Annie	Hayes	Media Specialist	Central Elementary School
Dione	James	Parent	Hayneville Middle Schools
Samita	Jeter	HeadStart Director	HeadStart
Rosa	Mickles	Media Specialists	Jackson Steele Elementary
Bernard	Mitchell	Federal Programs Director	Central Office
Mary	Phelan-Jackson	TIF Coordinator	Central Office
Melanie	Sharpless	Media Specialists	Fort Deposit Elementary
Rachel	Simmons	Media Specialists	Central High School
Kimberly	Washington	Principal	Jackson Steele Elementary
Stacey	Williams		The Calhoun School

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.

General Statements

Integration	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p>
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	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>Our future plans are to find resources in order to supply the three other schools in the district with the same equipment funded by the 1003g grant.</p> <p>Beginning Fall, 2011, our iPad initiative will be implemented in the four grant schools. Every student will have access to an iPad during school hours. Every core teacher will have a cart of 25/30 iPads in their classroom, that contains a Macbook that will be used for syncing the iPads. Each of the schools' library will also have a cart that will be used for teaching and learning in addition, to supplement for loss and breakage.</p> <p>A grant was applied for August, 2011 to fund the non-grant schools with the same equipment that is found in the grant schools.</p> <p>In August 2011, iPads were deployed at the four 1003g schools, Calhoun, Hayneville Middle, Lowndes Middle, and Jackson-Steele Elementary Schools, to every core teacher classroom. Our goal is to continue to seek funding for our non-grant schools, Central High, Central Elementary and Fort Deposit Elementary Schools.</p> <p>In August 2012, we were able to purchase iPads for the non-grant schools; Central Elementary, Central High, and Fort Deposit Elementary. Each school received an iPad for every teacher and one iPad cart/30 ipads.</p>
<p>Technology Available</p>	<p>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.</p> <p>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 Gaggenet. 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.</p> <p>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.</p> <p>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.</p> <p>As a result of receiving the 1003g grant, we were able to upgrade the computer labs at Calhoun High, Lowndes and Hayneville Middle, and Jackson-Steele Elementary Schools, with Fujitsu desktop computers and wireless access points. All teachers and administrators in the district also purchased new Fujitsu laptops.</p> <p>Beginning Fall, 2011, our iPad initiative will be implemented in the four grant schools. Every student will have access to an iPad during school hours. Every core teacher will have a cart of 25/30 iPads in their classroom, that contains a Macbook that will be used for syncing the iPads. Each of the schools' library will also have a cart that will be used for teaching and learning in addition, to supplement for loss and breakage.</p> <p>In August 2011, iPads were deployed at the four 1003g schools, Calhoun, Hayneville Middle, Lowndes Middle, and Jackson-Steele Elementary Schools, to every core teacher classroom. Our goal is to continue seek funding for our non-grant schools, Central High, Central Elementary and Fort Deposit Elementary Schools.</p> <p>In August 2012, we were able to purchase iPads for the non-grant schools; Central Elementary, Central High, and Fort Deposit Elementary. Each school received an iPad for every teacher and one iPad cart/30 ipads.</p>
<p>Infrastructure</p>	<p>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.</p> <p>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.</p> <p>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.</p> <p>All grant schools have continuous wireless connectivity as a result of the installation of additional access points through out the schools. In addition, as a result of an Erate approval, we will install additional access points through out the non-grant schools.</p> <p>Our Erate application was approved and we are currently in the installation stage of completing the wireless deployment at the non-grant schools, Central High, Central Elementary, and Fort Deposit Elementary Schools. This will provide continuous access to our network.</p> <p>February 2012, we completed the wireless upgrade to the non-grant schools: Central Elementary, Central High and Fort Deposit Elementary. The upgrade consisted of APs throughout the school and a wireless lan controller for each site.</p>
<p>Connectivity</p>	<p>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.</p> <p>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.</p> <p>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.</p> <p>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.</p> <p>We currently have 20 mgbs from ITS and 50 mgbs from ASC. As a result of a \$59 million dollar grant awarded to Trillion Communications, some of our students will in the future have access to the Internet at home as well as during the school day. Plans are already in place to provide Internet to over 600 homes in Lowndes County.</p> <p>As we continue to add wireless devices, there will be a need to increase our bandwidth; therefore, we know that ASC stands ready to assist us, in addition to all schools and school districts with the increase needed to support our devices.</p>

<p>Internet</p>	<p>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.</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. 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 Erate funding, we are able to provide wireless access throughout the entire school district.</p> <p>Our future goal is to assist with providing our students with 24/7 access to the Internet.</p> <p>We currently have 20 mgbps from ITS and 50 mgbps from ASC. As a result of a \$59 million dollar grant awarded to Trillion Communications, some of our students will in the future have access to the Internet at home as well as during the school day. Plans are already in place to provide Internet to over 600 homes in Lowndes County.</p> <p>As we continue to add wireless devices, there will be a need to increase our bandwidth; therefore, we know that ASC stands ready to assist schools with the increase needed to support our devices.</p>
<p>Security</p>	<p>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.</p> <p>As we become more knowledgeable of Lightspeed and its filtering capabilities, we have discovered that we can block websites that we don't want our students accessing, while allowing our teachers access to sites that are needed for instruction.</p> <p>As we know, regardless of the precautions taken to secure the network and prevent students from accessing the websites that are prohibited, we have discovered that students still make attempts to avoid the blocks that are in place. However, Lightspeeds have afforded us with tremendous means of blocking and notifying us of the unauthorized websites. Lightspeed has also afforded with the ability to allow teachers to access certain sites, without allowing students access to these same sites.</p>
<p>AYP Educational Technology</p>	<p>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.</p> <p>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.</p> <p>Teachers will continue to be provided with training that incorporated project-base learning into the curriculum</p> <p>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.</p> <p>In 2011, Calhoun and Central High Schools, and Jackson-Steele Elementary School did not make AYP in the area of Reading. As a focus for the upcoming school year 2011-2012, we have implemented a district initiative with AR; the utilization of Harcourt Reading for k-6; and a literacy plan devised by ITS consultants for secondary schools.</p> <p>In 2012, Calhoun High School did not make AYP in the area of Reading. Our district initiatives continues with AR, ARI and ITS Consultants.</p>

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.

Goal 1 Information

<p>Interpretation</p>	<p>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.</p>
<p>Ideal Performance</p>	<p>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.</p>
<p>Data Sources</p>	<p>Impact Survey Inventory List Educate Alabama Informal Observations Monitoring Forms Monthly Evaluations from Technology Training Sessions Lesson Plans Data Director Daily Action Plans College and Career Ready Standards Global Scholar</p>
<p>Progress</p>	<p>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.</p> <p>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.</p> <p>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.</p> <p>The 1003g grant was awarded to four of our schools, Calhoun High School, Hayneville Middle School, Lowndes Middle Shool and Jackson-Steele Elementary School. This grant over the next three years will supply our teachers and students wit 21st century classrooms. Teachers participated in "Summer Academies" on implementing new strategies and will continue to receive training embedded throughout the year.</p> <p>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.</p> <p>During one of our planning meetings, we decided that we would like to incorporate new technology, iPads. Therefore, beginning the 2011-2012 school year, we deployed iPads to the four 1003g schools, The Calhoun, Hayneville Middle, Lowndes Middle, and Jackson-Steele Elementary Schools. Every core classroom teacher received an iPad for their use, a cart of 25 iPads, with a Macbook to sync, in addition to an extra cart held in the library.</p>

	<p>With the increase in equipment for the 1003g schools, in order to accomodate the extra bandwidth in was necessary to upgrade our wireless network. A wireless controller was purchased for the schools in addition to Access points being placed throughout each of the schools.</p> <p>Although the non-grant schools did not receive iPads, as a result of an Erate application filed in 2010 to increase our wireless, we were able to provide a Wireless LAN Controller in addition to access points through the three schools.</p> <p>As a result of utilizing carryover Title I funds, we were able to purchase iPads for all teachers at CES, CHS, and FDE, in addition to providing a cart of 30 iPads for students' use.</p> <p>The old computers in CHS Plato lab were distributed to the classrooms, which provided an additional desktop for each teacher, while the old computers were replaced with Dell Laptops.</p>
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Goal 1 Objectives

Objective	Description of Objective
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 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.

Goal 2 Information

Interpretation	All Lowndes County stakeholders will benefit from extensive, authentic educational opportunities and resources through the use of technology.
Ideal Performance	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	<p>Educate Alabama</p> <p>Surveys</p> <p>Monthly Evaluations from Technology Training Sessions</p> <p>Impact Survey</p> <p>Inventory List</p> <p>Technology in Motion Training</p> <p>Instructional Evaluation Snap-shots</p> <p>Content Area Department Meeting minutes</p> <p>Informal Observations</p> <p>Monitoring Forms</p> <p>Lesson Plans</p> <p>Daily Action Plans</p>
Progress	<p>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.</p> <p>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.</p> <p>During one of our planning meetings, we decided that we would like to incorporate new technology, iPads. Therefore, beginning the 2011-2012 school year, we deployed iPads to the four 1003g schools, The Calhoun, Hayneville Middle, Lowndes Middle, and Jackson-Steele Elementary Schools. Every core classroom teacher received an iPad for their use, a cart of 25 iPads, with a Macbook to sync, in addition to an extra cart held in the library.</p> <p>With the increase in equipment for the 1003g schools, in order to accomodate the extra bandwidth in was necessary to upgrade our wireless network. A wireless controller was purchased for the schools in addition to Access points being placed throughout each of the schools.</p> <p>Although the non-grant schools did not receive iPads, as a result of an Erate application filed in 2010 to increase our wireless, we were able to provide a Wireless LAN Controller in addition to access points through the schools.</p> <p>As a result of utilizing carryover Title I funds, we were able to purchase iPads for all teachers at CES, CHS, and FDE, in addition to providing a cart of 30 iPads for students' use.</p>

Goal 2 Objectives

Objective	Description of Objective
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 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.

Goal 3 Information

Interpretation	All teachers and administrators benefit from high-quality, technology research-based professional development necessary to achieve local, state, and national standards.
Ideal Performance	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	Educate Alabama Technology in Motion Training Instructional Evaluation Snap-shots Content Area Department Meeting minutes Teacher/Student surveys Daily Action Plans Lesson Plans
Progress	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. For the 2011-2012 school year, we decided to incorporate I-Dashboard, which is the tool that we have decided to utilize to provide this real time data for access to teachers and administrators alike.

Goal 3 Objectives

Objective	Description of Objective
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- 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.

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.

Goal 4 Information

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	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 personal resources will be budgeted and provided support in order to support technology including professional development, hardware, software, connectivity, etc.
Data Sources	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
Progress	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.

<p>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.</p> <p>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, ipads, and new personal laptops.</p> <p>During one of our planning meetings, we decided that we would like to incorporate new technology, iPads. Therefore, beginning the 2011-2012 school year, we deployed iPads to the four 1003g schools, The Calhoun, Hayneville Middle, Lowndes Middle, and Jackson-Steele Elementary Schools. Every core classroom teacher received an iPad for their use, a cart of 25 iPads, with a Macbook to sync, in addition to an extra cart held in the library.</p> <p>With the increase in equipment for the 1003g schools, in order to accomodate the extra bandwidth in was necessary to upgrade our wireless network. A wireless controller was purchased for the schools in addition to Access points being placed throughout each of the schools.</p> <p>Although the non-grant schools did not receive iPads, as a result of an Erate application filed in 2010 to increase our wireless, funding was approved during the 2011-2012 school year and we were able to provide a Wireless LAN Controller in addition to access points through the various schools.</p> <p>As a result of utilizing carryover Title I funds, we were able to purchase iPads for all teachers at CES, CHS, and FDE, in addition to providing a cart of 30 iPads for students' use.</p>

Goal 4 Objectives

Objective	Description of Objective
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.

Action Steps

Short Title	Complete Detail	Goal 1 Related	Goal 2 Related	Goal 3 Related	Goal 4 Related	E-Rate	Person Responsible
Short Title	Professional Development			Short Title	Electronic Communication		
Complete Detail	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 Storyte			Complete Detail	Personnel at the local schools will maintain a school website for communicating with parents and the community.		
Goal 1 Related	Yes			Goal 1 Related	Unknown		
Goal 2 Related	No			Goal 2 Related	Yes		
Goal 3 Related	Yes			Goal 3 Related	Unknown		
Goal 4 Related	Unknown			Goal 4 Related	Yes		
E-Rate	Eligible and New Application to be filed FY2012			E-Rate	Eligible and Application Process to be continued		
Person Responsible				Person Responsible			
Short Title	Professional Development			Short Title	Technology Instructional Based Strategies		
Complete Detail	Utilize media specialists for monthly trainings for school staff.			Complete Detail	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 Storyte		
Goal 1 Related	Yes			Goal 1 Related	Yes		
Goal 2 Related	Yes			Goal 2 Related	Yes		
Goal 3 Related	Yes			Goal 3 Related	Yes		
Goal 4 Related	Yes			Goal 4 Related	Yes		
E-Rate	Eligible and Application Process to be continued			E-Rate	Eligible and Application Process to be continued		
Person Responsible				Person Responsible			
Short Title	Assessment			Short Title	Electronic Communication		

Complete Detail	Gather, disaggregate, interpret, and utilize quantitative and qualitative data derived from various software programs to determine overall student mastery.
Goal 1 Related	Yes
Goal 2 Related	Unknown
Goal 3 Related	Yes
Goal 4 Related	Unknown
E-Rate	Eligible and Application Process to be continued
Person Responsible	

Complete Detail	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.
Goal 1 Related	Unknown
Goal 2 Related	Yes
Goal 3 Related	Unknown
Goal 4 Related	Yes
E-Rate	Eligible and Application Process to be continued
Person Responsible	

Short Title	Parental Involvement
Complete Detail	Parents will be provided professional development on utilizing technology to assist their child with homework as a result of various activities, to include tech nights, parent day, and other school activities.
	Parents will be notified via letter sent ho
Goal 1 Related	Yes
Goal 2 Related	Yes
Goal 3 Related	Yes
Goal 4 Related	Yes
E-Rate	Not Eligible
Person Responsible	

Budget Information

Budget Item Title Budget Item Category Funding Source Expect Total Cost for Budget Item E-Rate Application E-Rate Expected Category E-Rate Estimated Discount E-Rate Discount Type E-Rate Sites Served E-Rate Non-Discounted Share Funding Source

Budget Item Title	Professional Development
Budget Item Category	Professional Development
Funding Source	1003G TIF TITLE I TITLE II Erate SPRINT
Expect Total Cost for Budget Item	\$49,530.00
E-Rate Application	NA
E-Rate Expected Category	Internet Access*
E-Rate Estimated Discount	90.00 %
E-Rate Discount Type	Shared Discount
E-Rate Sites Served	
E-Rate Non-Discounted Share Funding Source	

Budget Item Title	Communication
Budget Item Category	Internet Access
Funding Source	Erate
Expect Total Cost for Budget Item	\$43,500.00
E-Rate Application	NA
E-Rate Expected Category	Internet Access*
E-Rate Estimated Discount	90.00 %
E-Rate Discount Type	Shared Discount
E-Rate Sites Served	
E-Rate Non-Discounted Share Funding Source	

Budget Item Title	Staff Development
Budget Item Category	Professional Development
Funding Source	SPRINT TITLE I TITLE II TIF
Expect Total Cost for Budget Item	\$0.00
E-Rate Application	Not Eligible
E-Rate Expected Category	NA
E-Rate Estimated Discount	90.00 %
E-Rate Discount Type	NA
E-Rate Sites Served	
E-Rate Non-Discounted Share Funding Source	

Budget Item Title	Assessment
Budget Item Category	Evaluation and Assessment
Funding Source	1003g TIF Erate
Expect Total Cost for Budget Item	\$49,530.00
E-Rate Application	Eligible and Application Process to be continued FY2012
E-Rate Expected Category	Internet Access*
E-Rate Estimated Discount	90.00 %
E-Rate Discount Type	Shared Discount
E-Rate Sites Served	ALL 8 sites
E-Rate Non-Discounted Share Funding Source	

Budget Item Title	Electronic Communication
Budget Item Category	Internet Access
Funding Source	Erate
Expect Total Cost for Budget Item	\$49,530.00

Budget Item Title	Parental Involvement
Budget Item Category	Professional Development
Funding Source	Title I
Expect Total Cost for Budget Item	\$1,000.00

E-Rate Application	Eligible and Application Process to be continued FY2012
E-Rate Expected Category	Internet Access*
E-Rate Estimated Discount	90.00 %
E-Rate Discount Type	Shared Discount
E-Rate Sites Served	All sites
E-Rate Non-Discounted Share	
Funding Source	

E-Rate Application	Not Eligible
E-Rate Expected Category	NA
E-Rate Estimated Discount	90.00 %
E-Rate Discount Type	NA
E-Rate Sites Served	
E-Rate Non-Discounted Share	
Funding Source	

Inventory (Classic)

School Name	CISClassrooms	CISComputer Labs	CISLibrary	CISOther	CIS_Admin	HSIClassrooms	HSIComputer_Lab	HSILibrary	HSIOther	HSIAdmin Offices
Calhoun High School	99	95	10	2	4	99	95	10	2	4
Central Elementary School	43	29	7	3	9	43	29	7	3	9
Central High School	66	43	9	5	12	91	43	9	5	12
Fort Deposit Elementary School	82	22	7	2	5	82	22	7	2	5
Hayneville Middle School	96	50	5	10	11	96	50	5	10	11
Jackson-Steele Elementary School	33	24	6	2	8	33	24	6	2	8
Lowndes County BOE	0	0	0	0	21	0	0	0	0	21
Lowndes County Career Technical Center	2	12	0	0	1	2	12	0	0	1
Lowndes County Middle School	39	43	15	8	7	39	43	15	8	7

[Add new item](#)

Computer_Devices

Facility	Intended Use	Location	Equipment Category	New	Two	Three	Four	Five	Five Plus
Facility : Lowndes County, Calhoun High Schools (3)									
Equipment Category : Tablet Device (3)									
Lowndes County, Calhoun High Schools	Student	155,675.00	Tablet Device	325.00	0.00	0.00	0.00	0.00	0.00
Lowndes County, Calhoun High Schools	Teacher	6227	Tablet Device	13.00	0.00	0.00	0.00	0.00	0.00
Lowndes County, Calhoun High Schools	Administrator	958	Tablet Device	2.00	0.00	0.00	0.00	0.00	0.00
Facility : Lowndes County, Hayneville Middle School (3)									
Equipment Category : Tablet Device (3)									
Lowndes County, Hayneville Middle School	Student	131,725.00	Tablet Device	275.00	0.00	0.00	0.00	0.00	0.00
Lowndes County, Hayneville Middle School	Teacher	5269	Tablet Device	11.00	0.00	0.00	0.00	0.00	0.00
Lowndes County, Hayneville Middle School	Administrator	958	Tablet Device	2.00	0.00	0.00	0.00	0.00	0.00
Facility : Lowndes County, Jackson-Steele Elementary School (3)									
Equipment Category : Tablet Device (3)									
Lowndes County, Jackson-Steele Elementary School	Student	179,625.00	Tablet Device	375.00	0.00	0.00	0.00	0.00	0.00
Lowndes County, Jackson-Steele Elementary School	Teacher	7185	Tablet Device	15.00	0.00	0.00	0.00	0.00	0.00

Lowndes County, Jackson-Steele Elementary School	Administrator	958	Tablet Device	2.00	0.00	0.00	0.00	0.00	0.00	
[-] Facility : Lowndes County, Lowndes County Middle School (3)										
[-] Equipment Category : Tablet Device (3)										
Lowndes County, Lowndes County Middle School	Student	131,725	Tablet Device	275.00	0.00	0.00	0.00	0.00	0.00	
Lowndes County, Lowndes County Middle School	Teacher	5269	Tablet Device	11.00	0.00	0.00	0.00	0.00	0.00	
Lowndes County, Lowndes County Middle School	Administrator	958	Tablet Device	2.00	0.00	0.00	0.00	0.00	0.00	