



Alabama Technology Plan: Transform 2020

Lee County Board of Education

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Executive Summary

Introduction

Every school system has its own story to tell. The context in which teaching and learning takes place influences the processes and procedures by which the school system makes decisions around curriculum, instruction, and assessment. The context also impacts the way a school system stays faithful to its vision. Many factors contribute to the overall narrative such as an identification of stakeholders, a description of stakeholder engagement, the trends and issues affecting the school system, and the kinds of programs and services that a school system implements to support student learning.

 The purpose of the Executive Summary (ES) is to provide a school system with an opportunity to describe in narrative form the strengths and challenges it encounters. By doing so, the public and members of the community will have a more complete picture of how the school system perceives itself and the process of self-reflection for continuous improvement. This summary is structured for the school system to reflect on how it provides teaching and learning on a day to day basis.

Description of the School System

Describe the school system's size, community/communities, location, and changes it has experienced in the last three years. Include demographic information about the students, staff, and community at large. What unique features and challenges are associated with the community/communities the school system serves?

DEMOGRAPHICS

Lee County, Alabama has a current population of approximately 147,257 people, a geographic size of 608 square miles, and a median household income of \$42,320. Education is considered by many as the number one industry since Lee County is the home of Auburn University, the largest institution of higher education in Alabama with just over 25,000 students. Auburn University is also the largest employer in the county with over 4,695 employees. Lee County also hosts Southern Union State Community College, a two-year postsecondary institution offering day and evening classes, Lee County Schools, Auburn City Schools, Opelika City Schools, Lee-Scott Academy and Glenwood School.

The Lee County School System is located in Central East Alabama along the Alabama/Georgia border and currently has a total of 14 schools. Of those 14 schools, seven are elementary, two are middle schools, one is a 9th grade school, and four are high schools. The student population for kindergarten through 12th grade is 9848; which represents 48% of all school age students in the county. There are 1,192 employees, an annual budget of \$92,000,000 and a four month reserve operating balance. The superintendent is an appointed official who serves as the secretary to a seven member elected Board of Education. The Lee County School System contains four unique attendance zones identified as Smiths Station, Beauregard, Beulah and Loachapoka.

Smiths Station is the largest attendance area with an estimated population of over 25,000. The incorporated community of Smiths Station is located in the southeastern part of the county close to the larger towns of Phenix City, Alabama and Columbus, Georgia; home of Fort Benning. Local restaurants and convenience stores populate the large rural area with very few manufacturing or industrial sites scattered around the area. The majority of residents work in neighboring cities. There are 7 schools in the Smiths Station attendance zone identified as East Smiths Station Elementary (K-6), South Smiths Station Elementary (K-6), West Smiths Station Elementary (K-6), Wacoochee Elementary (K-6), Smiths Station Jr. High School (7-8), Smiths Station Freshman Center (9) and Smiths Station High (10-12). All schools, with the exception of Smiths Station High, are eligible but not served with Title I programs.

Beauregard is the second largest attendance zone with an estimated population of over 13,000. The unincorporated community is located south of the Auburn and Opelika City limits. While there is little or no industrial or manufacturing base located within the community, the residents work predominately in blue collar, wage-earning positions in neighboring cities. However, with the emphasis on education, the number of residents who have completed some postsecondary education continues to increase. There are 3 schools in the Beauregard attendance zone identified as Beauregard Elementary (K-4), Sanford Middle School (5-8), and Beauregard High School (9-12). Beauregard Elementary is eligible and served as a Title I school-wide program. Sanford Middle and Beauregard High are eligible but not served with Title I programs.

Beulah is the third largest attendance zone with an estimated population of over 8,000. The unincorporated community is located in the northeastern part of the county closest to the City of Valley, Alabama in Chambers County. The major point of interest for this rural setting is the back waters of the Chattahoochee River and Lake Harding. There is no central business district and only a few restaurants and convenience stores to meet the immediate needs of the citizens. Many of the citizens work in neighboring cities; however, the school functions as the largest employer and center of activity for the area. There are two schools in the Beulah attendance zone identified as Beulah Elementary (K-6) and Beulah High (7-12). Beulah Elementary and Beulah High are eligible but not served with Title I programs.

Loachapoka is the smallest attendance zone with an estimated population of over 1,000. The incorporated community is located in the western part of the county just outside the Auburn City Limits. Loachapoka maintains a rural, agricultural based community with little to no central business district, restaurants or convenience stores to meet the immediate needs of the citizens. Transportation from home to school

and businesses in the surrounding areas is a challenge for residents of this community. The community sponsors an annual fall festival entitled " Loachapoka Syrup-Soppin" that brings people into the area from many miles away. Residents place a strong emphasis on community history and heritage with the school serving as a major center of activity in the area. There are two schools in the Loachapoka attendance zone identified as Loachapoka Elementary (K-6) and Loachapoka High (7-12). Loachapoka Elementary and Loachapoka High are eligible and served as Title I school-wide programs.

ORGANIZATION

The Lee County Board of Education is the governing body for the school system. The Board is comprised of seven (7) members who are elected by the citizens of the county. The members are elected on a rotating basis for a four-year term. Although members are elected from a particular district, each member serves by representing all of the children in the Lee County School System. The President and Vice-President are subsequently elected by Board members. The Board is an active member of the Alabama School Board Association and a direct affiliate of the National School Boards Association. The Board members participate in professional development opportunities offered by this organization to remain abreast of current federal and state laws, regulations, codes, mandates, and best practices. Board retreats are conducted so that the Board can continue to develop and evaluate goals and objectives.

The legal authority of the Board and responsibilities of school personnel are represented in the organizational chart for the district. Lines of authority and areas of responsibility are recommended by the Superintendent and approved by the Board of Education. The official spokespersons of the district are the President of the Board, the Superintendent, and the Superintendent's authorized designee. The Superintendent regularly provides information to the Board to make them cognizant of new laws, innovative school practices, and other matters that the Board may need to consider. To ensure compliance with statutory expectations and to provide legal counsel, the Board of Education consults multiple law firms.

The Lee County Board of Education meets monthly to monitor progress and establish policy. Multiple strategies are used to ensure the effective and efficient operations of the Board of Education to establish policy and evaluate the effectiveness of those policies. The Board of Education adopts written policies in accordance with board policy, which requires policies to be presented and discussed and then voted on the following month. The 30 day waiting period is a time to receive staff, community, Lee County Education Association, and employee input.

System's Purpose

Provide the school system's purpose statement and ancillary content such as mission, vision, values, and/or beliefs. Describe how the school system embodies its purpose through its program offerings and expectations for students.

A Tradition of Excellence-A Vision for Tomorrow

Mission Statement

The Lee County School System will take a prominent role advocating a progressive education for each student in our schools. The mission of Lee County Schools is to educate every student through a comprehensive and academically challenging curriculum taught in a safe and nurturing environment. We challenge students to pursue dreams, succeed with integrity, and contribute meaningfully to a diverse society.

Lee County School System's Core Beliefs:

All students are valued individuals who can learn.

The education of each student is a responsibility shared by students, families, schools, and communities.

Each individual achieves best in an environment where physical and emotional safety is guaranteed.

Personal integrity is essential to individual success.

Learning is a lifelong endeavor.

Vision Statement

The Lee County Board of Education has a responsibility to ensure every student learns at his/her maximum potential and to set standards and expectations for the quality of education through the establishment of graduation requirements, accreditation of local schools, and certification of professionals. The Board of Education, the administration, and the staff of Lee County Schools will continuously focus on;

- preparing students for a knowledge-based, technologically enhanced, and culturally diverse 21st century.
- supporting each student's success in a learning community.
- ensuring a partnership with families and communities to support student learning.
- communicating a vision for improving public education for ALL Lee County students.
- guaranteeing that students have an opportunity to learn the skills necessary for their future, either for jobs or further education.
- maintaining a strong partnership between the communities and the schools.
- opening pathways of communication between all groups concerned with education.
- proactively implementing continuous improvement for grades K-12.
- advocating professional development and teacher education programs.

Notable Achievements and Areas of Improvement

Describe the school system's notable achievements and areas of improvement in the last three years. Additionally, describe areas for improvement that the school system is striving to achieve in the next three years.

MAJOR STRENGTHS:

Technology - infrastructure, system-wide emphasis, technology available to enhance and support instruction, software, web-based applications, inventory of hardware (computer stations, labs, laptops, tablet notebooks, interwrite pads, etc), technology department, emphasis on continuous improvement and expansion of technology for student achievement and support. The addition of a technology & curriculum specialist to the central office leadership team.

Content Literacy Alabama Reading Initiative (ARI) - Implemented in all schools K-12.

Alabama Math, Science and Technology Initiative (AMSTI) - The integrated approach to instruction uses a real world problem solving process through differentiated instruction and learning styles. Implemented in the following schools: Beauregard Elementary School, Sanford Middle School, Beulah Elementary School, Beulah High School, East Smiths Station Elementary School, South Smiths Station Elementary School, Wacoochee Elementary School, and West Smiths Station Elementary School. AMSTI training for Loachopoka Elementary School has been planned for Summer 2014.

Positive Behavior Support (PBS) - Systemwide approach to providing positive behavioral support to all students on a consistent basis by all personnel through proactive goal setting and interventions. All schools

Response to Intervention (RtI) Problem Solving Team - Develops, monitors and revises Tier II and Tier III interventions for students based on their unique individual needs. All schools.

Special Education - Individual Education Programs that provide specially designed instruction and related services to meet the unique individual needs of students with disabilities. All schools.

Credit Recovery - Available to high school students who have failed a core course, under certain conditions, to keep them on track toward graduation. All high schools.

ACCESS - The participation in a state network (Alabama State Department of Education) of online courses for credit outside the Lee County School System available to students on a consistent basis. All high schools.

Professional Development - Ongoing, embedded professional development for all system-wide initiatives; new basal reading series (Wonders); TEAM-Math; Implementation of Summer Curriculum Project; monthly data-driven meetings/professional development for reading K-6.

Instructional Coaches - Lee County Schools has 6 instructional coaches to assist all elementary school with reading and math instruction. The instructional coaches assist secondary schools as needed or requested.

Advanced Placement (AP) Program - Advanced Placement (AP) in Math, Science, and English (MSE) enrollment has increased by 105% . Lee County Schools had a higher percentage of AP MSE Qualifying Scores for Minority Students than the state. LCS = 44%, AL = 23%. Lee County Schools had a higher percentage of AP MSE Qualifying Scores for All Students than the state. LCS = 91%, AL = 88%

ACT Scores - 2013 Spring Highest scores in all subtest areas (Reading, English, Math, Science) as well as composite score in the last 5 years. System saw increases from 0.5 to .8 while individual schools saw increase as much as 1.4 points.

Graduation Rate - Since converting to the national graduation rate calculation formula, Lee County Schools has exceeded the state average. 2012 Cohort Data: LCS = 83%, AL = 75%

Transition to 9th Grade PROGRAM - "Freshman Experience" - The Freshman Orientation class better known as FX is designed to increase students' persistence and success in high school by providing them with the academic, personal, and life management skills needed to cope effectively to complete their high school course of study to earn a diploma.

Career Technical Education - Career technical education (CTE) in Lee County Schools continues to grow. With an increased emphasis
SY 2014-2015

being placed on CTE in the state of Alabama's accountability system, PLAN 2020, we have used this as an avenue to improve our programs for students. Through an extensive review of the Region 8 workforce development data, the 21st Century Workforce Development Act, and a team of committed educators we have been able to expand our course offerings. We currently have 36 teachers serving in seven schools offering eight different programs. Students are able to participate in business/marketing, construction, agriculture, health science, human services, automotive, JROTC, and career discoveries program option across our school system. The most recent additions are a human service program at Beauregard High, a health service program at Loachapoka High, and an automotive program at Smiths Station High School. One major accomplishment to note is the success of the Microsoft Academy credential offering at Smiths Station High School. In spring 2013, a Smiths Station High School student became the only student in the state to score a perfect score on the credentialing test for Microsoft and received national recognition.

MAJOR NEEDS:

Technology - additional personnel to provide technical support to all users; Completion of 21st Century Classrooms, infrastructure to support ever changing technology available to increase student achievement, and revise K-8 technology course of study framework to facilitate teacher success with implementation of requirements.

Retention of Highly Qualified (HQ) teachers - located close to several universities, the system has difficulty retaining young teachers who either decide to move back home after a year or two of teaching, get married and move away, or the spouse completes a degree and is offered a job outside the area. Other teachers need catastrophic leave, maternity leave but then decide not to return to work, move away from the area, decide to change careers, or retire.

Communication - Improve meaningful and timely communication between all stakeholders from central office to parents/community.

Raising level of expectation for students and all personnel - Emphasis on student achievement growth at all levels of proficiency. Empower teachers to experience a higher rate of success with their students through innovative practices and ideas. Providing continuous professional development for teachers based on current needs. Improve student performance on standardized assessments such as the ACT, the Advanced Placement tests and End-of-Course Assessments.

Funding - Currently recovering from two years of "proration" of state foundation program. This school year, the system did not receive any funds for common purchases, library enhancement, technology or professional development.

Additional Information

Provide any additional information you would like to share with the public and community that were not prompted in the previous sections.

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Improvement Plan Stakeholder Involvement

Introduction

The responses should be brief, descriptive, and appropriate for the specific section. It is recommended that the responses are written offline and then transferred into the sections below.

Improvement Planning Process

Improvement Planning Process

Describe the process used to engage a variety of stakeholders in the development of the institution's improvement plan. Include information on how stakeholders were selected and informed of their roles, and how meetings were scheduled to accommodate them.

Each school principal selects members of its faculty and staff to serve on his/her school's Continuous Improvement Team (CIT). Along with faculty and staff members, parents, students, and community member are also selected to serve on the CIT. CIT members meet regularly throughout the school year. CIT members are selected through personal invitations for parents, students, and community members. In most cases, these individuals usually hold leadership positions in the various school organizations. Faculty and staff members volunteer to serve. Each CIT member plays a vital role as they collecting information (data), analyzing data to identify strengths and weaknesses, developing, implementing and monitoring a Continuous Improvement Plan (CIP). Meeting times and dates vary in order to have a well-attended meeting.

The Technology Directory meets with each schools Technology Committee and school principal multiple times a year to discuss the success and current needs of each school in regards to the use of instructional technology. We also insure that one of the technology committee members is represented on the local schools CIT committee to insure proper communication is taking place.

The District then forms a Technology Committee to review the feedback from the schools and coordinate the efforts to meet the needs of the local schools and carry forward the views of the district. This committee is made up of district administrators, local school administrators, teachers, parents and community members and meets multiple times a year.

Describe the representations from stakeholder groups that participated in the development of the improvement plan and their responsibilities in this process.

CIP members include general education teachers, support personnel, guidance counselors, EL teachers, SPED teachers, electives teachers, parents, students and community members. Team member responsibilities are assigned/ selected based on individual interests/abilities. The responsibilities include collecting information (data), analyzing data to identify strengths and weaknesses, developing, implementing and monitoring a CIP.

The District Level Technology Committee members are: Glen Granberry - Technology Director, Christy Blythe - Instructional Technology Specialist, Stan Cox - Assistant Superintendent of Instruction, Lora Reed - Sanford Middle School Principal, David Owen - Beulah High Assistant Principal, Patti Henderson - Sanford Media Specialist, Cynthia Meals - Beauregard Elementary Assistant Principal, Christina Pooler - Sanford Middle Teacher, Chere Smith - Smiths High Teacher, DeMarquis Cobb - Loachapoka High Teacher, Amy Tucker - Smiths Jr High Teacher, Amy Conway - Beauregard Parent, Morgan Smith - Smiths High Student

Explain how the final improvement plan was communicated to all stakeholders, and the method and frequency in which stakeholders receive information on its progress.

The CIP is communicated to the district leadership and board of education members during a regularly scheduled BOE meeting. Building leaders (principals and assistant principals) review the improvement plan during a fall leadership retreat. Building principals share the improvement plans with their faculties and staff, parents, and students. The plan is uploaded to the AdvancEd ASSIST and district websites.

Technology Diagnostic

Introduction

The ALSDE Technology Diagnostic is designed to facilitate the process of gathering and analyzing the technology needs which drive the Transform 2020 Technology Plan.

Data

Statement or Question:Data Sources. Select all sources of data used for planning:

Response:

- Board of Education actions
- Compliance Monitoring Reports
- Continuous Improvement Plan
- Discipline and Attendance Reports
- EducateAlabama Data
- End of Course Assessments
- Federal Government Regulations
- Formative Assessments
- Graduation Rates
- Inventory & Infrastructure Report-- Fast and Easy Access to network, and Availability of Technology
- Principal Walk-Through Checklist
- Professional Learning Evaluations, Lesson Plans
- SpeakUp Data
- State Government Regulations
- Student Achievement Data
- Technology Program Audit, etc.
- Transform2020 Surveys (*Required)

Needs Assessment

a.) Identify the top 1-3 areas of need, and b.) top 1-3 strengths associated with your technology Infrastructure (fast and easy access to network, digital content); c.) Identify the data sources and actual data results that led you to conclude that these are areas of strength and need.

Areas of Need for LCBOE Technology Infrastructure are: 1. Although wireless exists in every school, coverage and capacity is not to the level needed for all students and teacher to be able to access wireless coverage from all areas on campus. 2. School LAN connections need to be updated from 10/100 to Gigabit speeds and WAN connections need to be updated from Gigabit to 10 Gigabit over the next few years. - Data sources for this section come from our Inventory and Infrastructure report as well as our Teacher Surveys. This report and survey shows that more connectivity is needed for wireless connections for both faculty and students. This increase in the number of connections will also require greater bandwidth to support the higher demand.

Strengths of LCBOE Technology Infrastructure are: 1. Fiber cable connects multiple switch closets together in all of our schools and is running at gigabyte speed from building to building. 2. Each school is on a routed network with multiple VLAN's configured for optimal traffic patterns and access to critical data and printing needs. 3. Virtual Sever implementation reduced our server equipment to maintain from 25 physical boxes to 3 physical boxes offering better performance, reliability, and fail over capabilities.

- Data sources for this section come from our Inventory and Infrastructure report. This report shows the connectivity and makeup of the WAN and LAN and the quantity and setup of our network servers

a.) Identify the top 1-3 areas of need, and b.) top 1-3 strengths associated with your technology Inventory (fast and easy access to technology); c.) Identify the data sources and actual data results that led you to conclude that these are areas of strength and need.

Areas of Need for LCBOE Technology Inventory are: 1. Additional Interactive Boards are needed in our schools, particularly in the Elementary Grade Levels. 2. Personal, portable devices are needed for teachers to have more anytime/anywhere access to all the digital content and resources used for teaching. 3. Increase number of devices available for students are needed to get our system in a 1:1 student to computer ratio.

- Data sources for this section come from our Inventory and Infrastructure report, Local and Transform 2020 Teacher Surveys, and SpeakUp Student Surveys. The percentage of Interactive Boards in classrooms are low. Teachers have request more personal access to portable technology. Students would like to have a more engaging and interactive way to learn utilizing technology.

Strengths of LCBOE Technology Inventory are: 1. Every learning space is equipped with an LCD projector. 2. Computers are maintained on a 3 year replacement cycle, all on Windows 7 OS, and run at relatively high performance levels. 3. The number of labs in each school has increased in each school in the past year to allow online testing take place in a reasonable time frame.

- Data sources for this section come from our Inventory and Infrastructure report. Inventory shows that all classrooms have projectors. Computer ages and OS versions are all up to date. The number of Labs in each school has increased from prior years.

a.) Identify the top 1-3 areas of need, and b.) top 1-3 strengths associated with your technology and Student Learning (subject area processes and content; 21st C. skills and dispositions to ensure school, career, and life success); c.) Identify the data sources and actual data results that led you to conclude that these are areas of strength and need.

Areas of Need for LCBOE technology and Student Learning are: 1. The Technology Course of Study needs to be more closely followed and fully covered at all grade levels. 2. Students need to be expected to utilize technology as a tool for learning and given the ability to be more engaged in their own learning path and style.

Data Sources for this section come from Principal Walk Through, Lesson Plans, CIP, and SpeakUp Data. Walk throughs and lesson plans don't show consistent coverage of the Technology Course of Study across all teachers and all grade levels. SpeakUp data shows that students feel like they are not as engaged in learning as they would if technology played a more integral role.

Strengths of LCBOE technology and Student Learning are: 1. Technology Resources are being aligned to standards and used by teachers to enhance the learning process in all grade levels. 2. Compass Odyssey online curriculum as well as other district wide applications are being used across all grade levels for remediation, acceleration and to create individual learning paths for students to use both on and off campus. Data sources for this section come from Lesson Plans, Principal Walk Throughs, and Transform 2020 Survey. More technology resources used in the classroom are being observed and technology is being subscribed based on individual student needs because of the tools now available.

a.) Identify the top 1-3 areas of need, and b.) top 1-3 strengths associated with your technology Professional Learning Program (Teachers, Staff, Leaders, Community); c.) Identify the data sources and actual data results that led you to conclude that these are areas of strength and need.

Areas of Need for LCBOE technology Professional Learning Program are: 1. More local school instructional technology coaches are need for every school. 2. More opportunities (time) for teachers to get hands on experience implementing instructional technology best practices into their lessons.

Data sources for this section come from Lesson Plans, Principal Walk Throughs, CIP, and Transform 2020 Survey. Observations of teacher's not comfortable using technology are still high in our system. Teacher express the need for more training on our survey data.

Strengths of LCBOE technology Professional Learning Program are: 1. District Instructional Technology Specialist (ITS) is playing a major role in training, supporting and increasing the use of instructional technology in the classrooms in Lee County Schools. 2. Moodle, our online Learning Management System, is being used more for delivering online technology based professional development for all teachers. 3. Lee County hired a new Assistant Superintendent this year with one of their roles to include overseeing all Professional Development.

Data sources for this section come from Lesson Plans, Principal Walk Throughs, STIPD, and Transform 2020 Survey. More staff members have enrolled in STIPD technology training, conducted by our ITS and offered through Moodle, than any other year.

a.) Identify the top 1-3 areas of need, and b.) top 1-3 strengths associated with your technology Teacher Use—Teaching (how teachers use technology to teach as well as require students to use technology to learn); c.) Identify the data sources and actual data results that led you to conclude that these are areas of strength and need.

Areas of Need for LCBOE technology Teacher Use - Teaching are: 1. More teachers need to learn to utilize the technology offered by the school system and allow students to use available individual technology to become more engaged and to promote independent learning. Data sources for this section come from Lesson Plans, Principal Walk Throughs, CIP, and Transform 2020 Survey. Technology Application use based on the Transform 202 survey is not at the levels needed for all students to benefit from these resources.

Strengths of LCBOE technology Teacher Use - Teaching are: 1. More digital resources are being added this year for teachers and students to have increased access for teaching and learning. 2. Our new BYOD policy has allowed pockets of teachers to start experimenting with students using their own devices in the classroom for a more engaged and enriched learning experience. 3. We have created a pilot site at Sanford Middle School with increased number of devices in the room and a BYOD program in effect allowing teachers to focus more on student centered, differentiated learning in the classroom.

Data sources for this section come from Lesson Plans, Principal Walk Throughs, CIP, Inventory Report, and Board of Education Actions. The Inventory report shows an increase in number of Interactive Boards and Document Cameras in the classrooms. The Lee County Board of Education approved a BYOD policy at the beginning of the current school year.

a.) Identify the top 1-3 areas of need, and b.) top 1-3 strengths associated with your technology Teacher Use—Productivity (how teachers use technology for increased productivity); c.) Identify the data sources and actual data results that led you to conclude that these are areas of strength and need.

Areas of Need for LCBOE technology Teacher Use - Productivity are: 1. Teachers need to have a way to more quickly and easily report on student progress in all learning areas to make adjustments to individual education plans.

Data sources for this section come from Lesson Plans, Principal Walk Throughs, CIP, and Transform 2020 Survey results. CIP results show the need for timely access to this type of information.

Strengths of LCBOE technology Teacher Use - Productivity are: 1. Grades are entered into the Student Grade Book regularly for up to date averaging of grades for both Parents and Students to be able to access. 2. To address the area of need, Lee County has invested in a data mining program (Baseline Edge) to present all testing and additional student information directly to the teacher to address each individual child's needs. The program is live this year and training for teachers will be conducted over the course of this school year.

Data sources for this section come from Principal Walk Throughs and observation. Grades are posted weekly by most all teachers on a regular basis.

a.) Identify the top 1-3 areas of need, and b.) top 1-3 strengths associated with your technology School Leaders Use—Productivity (how administrators use technology for increased productivity); c.) Identify the data sources and actual data results that led you to conclude that these are areas of strength and need.

Areas of Need for LCBOE technology School Leader Use - Productivity are: 1. More principals need to use digital tools to record Classroom Observations. 2. More principals and assistant principals need to model and expect the use of appropriate instructional technology tools on their campus.

Data sources for this section come from Observation and CIP. Observation show that many Principals are still using pencil paper to record observation notes.

Strengths of LCBOE technology School Leader Use - Productivity are: 1. Video Conferencing is utilized from the Principals desk to conduct meetings with District Administrators in the Central Office cutting travel down and allowing for meeting to occur on demand. 2. Instructional Technology tools are being modeled to school administrators multiple times a year during administrative retreats and principal meetings. Data sources for this section come from observation and inventory reports. All principals have web cams and video conference meetings have been observed.

a.) Identify the top 1-3 areas of need, and b.) top 1-3 strengths associated with any other technology program areas; c.) Identify the data sources and actual data results that led you to conclude that these are areas of strength and need.

Professional Learning

Based upon the strengths and areas of need listed above, what are your Professional Learning Topics for the upcoming year that involves using technology to improve learner and productivity and prepares students for living and working in a digital world.

This school year, Professional Learning topics will include, Baseline Edge, Global Scholar report analysis, Compass Learning Odyssey use, School Web Master training, LearnZillion use, Alabama Insight training, SmartBoard Training, iNow Training, Student collaboration and classroom interactive web tools, Moodle and Edmodo training, QR code training, and BYOD use in the classroom. These professional learning topics will be delivered face to face, real time webinars, and asynchronous recordings. Sessions will be a minimum of 1 hour with many 3 hour sessions to the school day. Attendees will include teachers, media specialists, local administrators, and district administrators. Presenters will include our Instructional Technology Specialist, our Technology Director, and our TIM trainer.

Inventory/Infrastructure

Describe how your infrastructure and inventory supports student achievement at all locations. Use the following terms as headings in your description: WAN Infrastructure, LAN Infrastructure, Connectivity, Bandwidth, Internet Access, Information Security & Safety, Digital Content, and Digital Tools.

All schools have 10/100 switched Ethernet networks connected by managed Cisco switches that are all controlled and configured from one central location. All Edge Cisco Equipment is maintained on a SmartNet subscription to insure high availability and uptime. Fiber cable connects multiple switch closets together in all of our schools and is running at gigabyte speed from building to building. Each school is on a routed network with multiple VLAN's configured for optimal traffic patterns and access to critical data and printing needs. All Schools are now setup with WiFi access points to allow for anytime-anywhere learning for students and more practical access for teachers and administrators to their data. We would also like to bring in a few gigabyte switches into our schools to allow for optimal data access to key programs and locations during the next year. The new Smiths Station High School was setup with Brocade gigabit switches and Aruba N Dual radio Access Points for high speed, reliable wireless access. Smiths Station High School, Smiths Station Freshman Center, and West Smiths Station Elementary School we setup with VOIP phones in every room for an integrated Intercom system this year. This year we recently upgraded Sanford Middle School with the new AC WiFi access points to give them high speed and dense coverage to allow for all students to connect wirelessly at one time. Finally, a Virtual Server implementation occurred three years ago, reducing our server equipment to maintain from 25 physical boxes to 3 physical boxes offering better performance, reliability, and fail over capabilities.

The Lee County Board of Education Technology Center is proud to provide its School System with a variety of up-to-date software and networking technological applications. The Technology Center provides a wide variety of services through 3 virtualized servers located in the Technology Center server room. We are running on a Windows 2008 Active Directory environment to support these functions. We are also providing email, calendaring, and tasks management to all faculty and staff through a Microsoft Exchange server 2007. All of these servers are connected through switched 100 Mbps Ethernet, while each school (100%) is linked to the Technology Center through 1 gigabit fiber connections. Microsoft System Center AntiVirus is used by the Tech Center for virus protection. Sophos is being used to filter each E-mail as it comes into the system. We upgraded from 200 Mb of Internet Bandwidth to 400 Mb this past year through Alabama Super Computer. Next summer, we may upgrade this bandwidth again. The system receives its internet access through Alabama Supercomputer Authority (400 Mb).

Each school and support facility is connected to the Technology Center at 1 gigabit. Each classroom and lab networked computer is connected to the Internet at 10/100 megabit Ethernet. The Lee County School System uses a filtering mechanism provided by iBoss. This filtering mechanism allows us to meet the CIPA requirements. iBoss filters the Internet access provided to students, teachers, and administrators. The software blocks visual depictions that are obscene, child pornography, and sites that maybe harmful to our students. If iBoss blocks appropriate sites a teacher can make a formal request for the site to be unblocked by the Technology Center. Every Lee County Board of Education employee that has access to a computer must sign a "Lee County Schools Employee Personal Responsibility Contract for the Use of Technology Resources" form. This form covers the Lee County School guidelines regarding the legal and ethical use of the Internet, Electronic Mail, and Technology Resources for employees. Each employee is also required to sign a "Lee County Board of Education Employee Media Release and Web Publishing Agreement Form". This form lets the Board know to what extent each employee wishes to be recognized and/or published on the Web page and other Media resources. Future plans for Internet Access include increasing bandwidth speeds annually as our demand increases. We also would like to offer more individual student access to the Internet while off campus for Anytime/Anywhere learning opportunities as some point in the future.

Desktop security is managed through the Windows 2008 security features, Group Policies, and login scripts to handle these security concerns. A windows update server is configured to push out all mandatory windows updates. The Cisco network equipment is protected by it's own equipment passwords. The Lee County Board of Education also has a Cisco ASA Firewall to help protect the network from

unwelcomed outside sources. For remote administration the Lee County School System uses the encrypted remote connection feature built into SysAid, our ticketing and asset management program. SysAid gives us the ability to manipulate a user's desktop environment and actually see what the user sees from a remote location, such as the Technology Center, or one of the other schools within the school system. The Lee County Board of Education utilizes the new STI I-Now Student Management software for attendance, grades, and other student information and STI SETS Web for Special Education tracking. Both of these applications are made available from home and are secured on a DMZ port on the Firewall to prevent access to any other network server. Both of the applications are also encrypted over the web using 128 bit SSL encryption. We plan on maintaining all of these security measures from year to year. In the future, we plan on looking into placing more emphasis on securing personal devices that continue to increase in use on our campuses. Network Access Control devices (NAC) and Intrusion Prevention Systems (IPS) will be evaluated and considered for implementation as budgets allow and risks are determined.

Label	Assurance	Response	Comment	Attachment
2.	Did you complete the Inventory for each school in your school system. If so, please upload the inventory collection worksheet below.	Yes		Tranform2020_Inventory_2014

Accountability Questions

Identify at least three (3) programmatic, district-wide digital learning integration activities geared toward impacting student achievement in all schools (District Plan). (Note: May be different activities for different schools, but all schools must be implementing at least one major related strategy.)

Goal 1:

Engage and Empower the Learner Through Technology

Measurable Objective 1:

demonstrate a behavior of creative and critical thinking expertise, and effective collaborative communication skills by developing innovative products and processes using technology in a variety of learning environments by 07/31/2014 as measured by Online Student portfolios, by all learners.

Strategy1:

Provide student portfolio hosting for all schools. - Google for Education and Microsoft Live 365 will both be used as portals to store, share, and collaborate student works.

Research Cited:

Activity - Google for Education	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Provide Google for Education tools to students and training for teachers to utilize these tools for developing classroom portfolios of students work.	Technology			01/06/2014	07/31/2015	\$0 - General Fund	Christy Blythe, Glen Granberry

Activity - Microsoft Live 365	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Offer online access to local student data store and make it available in the cloud along with online version of Word, Excel, and PowerPoint.	Technology			08/01/2013	05/30/2014	\$5000 - General Fund	Thomas Ashbaugh & Glen Granberry

Goal 2:

All educators and students will have tools to access a comprehensive viable infrastructure when and where they need it.

Measurable Objective 1:

collaborate to Ensure that every student, teacher, and administrator has 24/7 access to an Internet Connected Device (ICD) with viable access points (as described in Objective 3.2) and appropriate software and Web-based resources for research, communication, multimedia

by 08/01/2015 as measured by Every learner and educator having their own device of some type with access to the web and the Lee County content and curriculum..

Strategy1:

Online Resource Access - All users will have documentation and support with examples of what it looks like to move from an all paper learning environment to and all digital learning environment.

Research Cited: National Education Technology Plan (NET Plan): Transforming American Education, Learning Powered by Technology. (2012) Retrieved from <http://www.ed.gov/technology/netp-2010>.

Activity - BYOD (One-to-One) Guidance	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Develop a webinar series and guidance documents to support the conversion from print-to-digital content, mobile learning (BYOD) and district-owned devices, customized learning, and all administrative and support services.	Professional Learning			08/01/2013	08/01/2014	\$2000 - Memorial Funds	Christy Blythe, Glen Granberry

Identify one (1) or more activities that focus upon using digital tools to improve achievement of all students with special emphasis upon high need and high poverty students.

Goal 1:

All educators and students will have tools to access a comprehensive viable infrastructure when and where they need it.

Measurable Objective 1:

collaborate to Ensure that every student, teacher, and administrator has 24/7 access to an Internet Connected Device (ICD) with viable access points (as described in Objective 3.2) and appropriate software and Web-based resources for research, communication, multimedia by 08/01/2015 as measured by Every learner and educator having their own device of some type with access to the web and the Lee County content and curriculum..

Strategy1:

Online Resource Access - All users will have documentation and support with examples of what it looks like to move from an all paper learning environment to and all digital learning environment.

Research Cited: National Education Technology Plan (NET Plan): Transforming American Education, Learning Powered by Technology. (2012) Retrieved from <http://www.ed.gov/technology/netp-2010>.

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Activity - BYOD (One-to-One) Guidance	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Develop a webinar series and guidance documents to support the conversion from print-to-digital content, mobile learning (BYOD) and district-owned devices, customized learning, and all administrative and support services.	Professional Learning			08/01/2013	08/01/2014	\$2000 - Memorial Funds	Christy Blythe, Glen Granberry

Identify at least five (5) district-wide activities geared toward preparing PK-12 teachers to use technology and digital content to help students meet Alabama's College- and Career-Ready Academic Standards.

Goal 1:

Engage and Empower the Learner Through Technology

Measurable Objective 1:

demonstrate a behavior of creative and critical thinking expertise, and effective collaborative communication skills by developing innovative products and processes using technology in a variety of learning environments by 07/31/2014 as measured by Online Student portfolios, by all learners.

Strategy1:

Provide student portfolio hosting for all schools. - Google for Education and Microsoft Live 365 will both be used as portals to store, share, and collaborate student works.

Research Cited:

Activity - Google Drive Training	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Offer face to face and online training opportunities for teachers to be able to understand how to use Google Drive in the classroom	Professional Learning			08/01/2013	08/30/2013	\$0 - No Funding Required	Christy Blythe and Glen Granberry

Goal 2:

Prepare and Support Teachers and Leaders to Graduate College- and Career-Ready Students

Measurable Objective 1:

demonstrate a behavior of teachers using technology to teach as well as require students to use technology to learn by 06/01/2014 as measured by Classroom Observation by at least 35% of our teachers .

Strategy1:

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Culture Shift - Lee County Schools will work to change the culture of the student/teacher/classroom relationship towards a new digital learning environment.

Research Cited: International Society for Technology in Education (ISTE) Adapted from NETS-T: Retrieved from <http://www.iste.org/docs/pdfs/NETS-t-standards.pdf?sfvrsn=2>

Activity - PD from static to dynamic	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Provide Professional Learning designed to help teachers move from static, text-based resources to effective, dynamic, interactive, adaptive, multimedia/digital content powered by devices that engage, challenge, and empower students to learn in a variety of ways.	Professional Learning			08/01/2013	05/30/2014	\$2000 - General Fund	Christy Blythe, Stan Cox, Glen Granberry

Measurable Objective 2:

collaborate to Teachers continuously improve their professional practice, model lifelong learning, and exhibit leadership in their school and professional community by promoting and demonstrating the effective use of digital content, technology tools, and resources. by 05/29/2015 as measured by Classroom observation by at least 75% of our teachers.

Strategy1:

Local Technology Coach - request local and state funding to support local school instructional technology specialists for every campus.

Research Cited: (Adapted from NETS•Teachers 5a-5d; ALQTS 3–D-1, 3-D-2; Plan 2020, p. 23, 29-30, 58, 78-79)

Activity - Instructional Technology Specialists	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
3. Work to provide support and fund instructional technology integration specialists/technology coaches at the school level (1:50 teachers) to increase teacher technology integration effectiveness and better prepare students to be college- and career-ready.	Recruitment and Retention			08/01/2013	05/01/2015	\$60000 - State Funds	Glen Granberry, Christy Blythe, Dr. Mac McCoy

Measurable Objective 3:

collaborate to allow Instructional Leaders to inspire and lead development and implementation of a shared vision for comprehensive integration of technology to promote excellence and support transformation by 05/29/2015 as measured by Observation and CIP by all Leaders.

Strategy1:

Shared Vision - District Administrators will promote and articulate the Vision of the School System to Principals and Assistant Principals so they can carry out the same Vision on their campus.

Research Cited: (Adapted from NETS•Administrators 1a-1d; ALSIL-6.2, 6.3, 6.4, 6.6; Plan 2020, p. 59-60)

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Activity - Promotion of Vision	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Develop and disseminate a variety of methods and formats for providing high-quality professional development, such as online, face-to-face, professional learning communities, etc.	Professional Learning			08/01/2013	05/29/2015	\$10000 - General Fund	Glen Granberry, Christy Blythe, Stan Cox, Dr. Mac McCoy

Goal 3:

All educators and students will have tools to access a comprehensive viable infrastructure when and where they need it.

Measurable Objective 1:

collaborate to provide a web hosting service to support access to valuable teacher and student content via the web by everyone by 06/30/2015 as measured by Functioning and accesable website both inside and outside our network..

Strategy1:

Web Hosting - Maintain a Bid and E-Rate fillings to recieve District and School Web hosting.

Research Cited: The Broadband Imperative: Recommendations to Address K-12 Education Infrastructure Needs. (2012). Retrieved from www.setda.org.

Activity - Web Hosting/Creation	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Web hosting agreement will be established with a vendor and data on the site will be maintained on a regular time frame.	Technology			08/01/2013	05/29/2015	\$50000 - USAC Technology	Glen Granberry

Measurable Objective 2:

collaborate to Ensure that every student, teacher, and administrator has 24/7 access to an Internet Connected Device (ICD) with viable access points (as described in Objective 3.2) and appropriate software and Web-based resources for research, communication, multimedia by 08/01/2015 as measured by Every learner and educator having their own device of some type with access to the web and the Lee County content and curriculum..

Strategy1:

Online Resource Acss - All users will have documentation and support with examples of what it looks like to move from an all paper learning environment to and all digital learning environment.

Research Cited: National Education Technology Plan (NET Plan): Transforming American Education, Learning Powered by Technology. (2012) Retrieved from <http://www.ed.gov/technology/netp-2010>.

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Activity - BYOD (One-to-One) Guidance	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Develop a webinar series and guidance documents to support the conversion from print-to-digital content, mobile learning (BYOD) and district-owned devices, customized learning, and all administrative and support services.	Professional Learning			08/01/2013	08/01/2014	\$2000 - Memorial Funds	Christy Blythe, Glen Granberry

Identify at least two (2) district-wide activities geared toward preparing leaders to lead technology planning and use digital tools and resources effectively in their jobs as instructional leaders.

Goal 1:

Engage and Empower the Learner Through Technology

Measurable Objective 1:

demonstrate a behavior of creative and critical thinking expertise, and effective collaborative communication skills by developing innovative products and processes using technology in a variety of learning environments by 07/31/2014 as measured by Online Student portfolios, by all learners.

Strategy1:

Provide student portfolio hosting for all schools. - Google for Education and Microsoft Live 365 will both be used as portals to store, share, and collaborate student works.

Research Cited:

Activity - Microsoft Live 365	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Offer online access to local student data store and make it available in the cloud along with online version of Word, Excel, and PowerPoint.	Technology			08/01/2013	05/30/2014	\$5000 - General Fund	Thomas Ashbaugh & Glen Granberry

Goal 2:

Prepare and Support Teachers and Leaders to Graduate College- and Career-Ready Students

Measurable Objective 1:

collaborate to allow Instructional Leaders to inspire and lead development and implementation of a shared vision for comprehensive integration of technology to promote excellence and support transformation by 05/29/2015 as measured by Observation and CIP by all Leaders.

Alabama Technology Plan: Transform 2020

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Strategy1:

Shared Vision - District Administrators will promote and articulate the Vision of the School System to Principals and Assistant Principals so they can carry out the same Vision on their campus.

Research Cited: (Adapted from NETS•Administrators 1a-1d; ALSIL-6.2, 6.3, 6.4, 6.6; Plan 2020, p. 59-60)

Activity - Promotion of Vision	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Develop and disseminate a variety of methods and formats for providing high-quality professional development, such as online, face-to-face, professional learning communities, etc.	Professional Learning			08/01/2013	05/29/2015	\$10000 - General Fund	Glen Granberry, Christy Blythe, Stan Cox, Dr. Mac McCoy

Identify one (1) or more activities that facilitate and improve the use of telecommunications networks (phone/Internet/email) among educators, students, and parents/community to improve learning.

Goal 1:

All educators and students will have tools to access a comprehensive viable infrastructure when and where they need it.

Measurable Objective 1:

collaborate to Provide local and long distance phone service by 08/01/2014 as measured by Inventory and Infrastructure report for everyone.

Strategy1:

Phone Services - Accept Bid and File eRate for funding support

Research Cited: National Education Technology Plan (NET Plan): Transforming American Education, Learning Powered by Technology.

(2012) Retrieved from <http://www.ed.gov/technology/netp-2010>.

Activity - Local and Long Distance Phone Service	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Local and Long Distance and Cellular phone service to all building and classrooms.	Technology			08/01/2013	05/30/2014	\$100000 - USAC Technology	Glen Granberry

Measurable Objective 2:

collaborate to provide connectivity to all learners in all required locations by 05/30/2014 as measured by Inventory and Infrastructure report.

Strategy1:

Maintain and expand our WAN - Working with E-Rate and our local Vendor, our WAN will be maintained and expanded capacity added as needed.

Research Cited: The Broadband Imperative: Recommendations to Address K-12 Education Infrastructure Needs. (2012). Retrieved from
SY 2014-2015

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Alabama Technology Plan: Transform 2020

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www.setda.org.

Activity - WAN and Internet Access	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Continue to support access through Alabama Supercomputer.	Technology			08/01/2013	05/29/2015	\$500000 - USAC Technology	Glen Granberry, Richard Battles.

Identify at least three (3) activities that explain how the network, technical support staff, instructional support staff, and digital teaching and learning resources accessed through the network will be linked to the achievement of learning goals of the District.

Goal 1:

Prepare and Support Teachers and Leaders to Graduate College- and Career-Ready Students

Measurable Objective 1:

collaborate to Teachers continuously improve their professional practice, model lifelong learning, and exhibit leadership in their school and professional community by promoting and demonstrating the effective use of digital content, technology tools, and resources. by 05/29/2015 as measured by Classroom observation by at least 75% of our teachers.

Strategy1:

Local Technology Coach - request local and state funding to support local school instructional technology specialists for every campus.

Research Cited: (Adapted from NETS•Teachers 5a-5d; ALQTS 3–D-1, 3-D-2; Plan 2020, p. 23, 29-30, 58, 78-79)

Activity - Instructional Technology Specialists	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
3. Work to provide support and fund instructional technology integration specialists/technology coaches at the school level (1:50 teachers) to increase teacher technology integration effectiveness and better prepare students to be college- and career-ready.	Recruitment and Retention			08/01/2013	05/01/2015	\$60000 - State Funds	Glen Granberry, Christy Blythe, Dr. Mac McCoy

Goal 2:

All educators and students will have tools to access a comprehensive viable infrastructure when and where they need it.

Measurable Objective 1:

collaborate to Ensure that every student, teacher, and administrator has 24/7 access to an Internet Connected Device (ICD) with viable access points (as described in Objective 3.2) and appropriate software and Web-based resources for research, communication, multimedia by 08/01/2015 as measured by Every learner and educator having their own device of some type with access to the web and the Lee County content and curriculum..

Strategy1:

Online Resource Access - All users will have documentation and support with examples of what it looks like to move from an all paper learning environment to and all digital learning environment.

Research Cited: National Education Technology Plan (NET Plan): Transforming American Education, Learning Powered by Technology. (2012) Retrieved from <http://www.ed.gov/technology/netp-2010>.

Activity - BYOD (One-to-One) Guidance	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Develop a webinar series and guidance documents to support the conversion from print-to-digital content, mobile learning (BYOD) and district-owned devices, customized learning, and all administrative and support services.	Professional Learning			08/01/2013	08/01/2014	\$2000 - Memorial Funds	Christy Blythe, Glen Granberry

Measurable Objective 2:

collaborate to provide connectivity to all learners in all required locaitons by 05/30/2014 as measured by Inventory and Infrastruture report.

Strategy1:

Maintain and expand our WAN - Working with E-Rate and our local Vendor, our WAN will be maintained and expanded capacity added as needed.

Research Cited: The Broadband Imperative: Recommendations to Address K-12 Education Infrastructure Needs. (2012). Retrieved from www.setda.org.

Activity - WAN and Internett Access	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Continue to support access through Alabama Supercomputer.	Technology			08/01/2013	05/29/2015	\$500000 - USAC Technology	Glen Granberry, Richard Battles.

Measurable Objective 3:

collaborate to provide a web hosting service to support access to valuable teacher and student content via the web by everyone by 06/30/2015 as measured by Functioning and accesable website both inside and outside our network..

Strategy1:

Web Hosting - Maintain a Bid andE-Rate fillings to recieve District and School Web hosting.

Research Cited: The Broadband Imperative: Recommendations to Address K-12 Education Infrastructure Needs. (2012). Retrieved from www.setda.org.

Alabama Technology Plan: Transform 2020

Lee County Board of Education

Activity - Web Hosting/Creation	Activity Type	Tier	Phase	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Web hosting agreement will be established with a vendor and data on the site will be maintained on a regular time frame.	Technology			08/01/2013	05/29/2015	\$50000 - USAC Technology	Glen Granberry

Technology Plan Assurances

Label	Assurance	Response	Comment	Attachment
1.	The district has read, understands and complies with the assurances required of the Alabama Transform 2020 Technology plan.	Yes		Transform 2020 District Assurance

14-15 Plan for Alabama Technology Plan: Transform 2020

Overview

Plan Name

14-15 Plan for Alabama Technology Plan: Transform 2020

Plan Description

Goals Summary

The following is a summary of the goals encompassed in this plan. The details for each goal are available in the next section.

#	Goal Name	Goal Details	Goal Type	Total Funding
1	Engage and Empower the Learner Through Technology	Objectives: 1 Strategies: 1 Activities: 3	Organizational	\$5000
2	Prepare and Support Teachers and Leaders to Graduate College- and Career-Ready Students	Objectives: 3 Strategies: 3 Activities: 3	Organizational	\$72000
3	All educators and students will have tools to access a comprehensive viable infrastructure when and where they need it.	Objectives: 5 Strategies: 5 Activities: 5	Organizational	\$752000

Goal 1: Engage and Empower the Learner Through Technology

Measurable Objective 1:

demonstrate a behavior of creative and critical thinking expertise, and effective collaborative communication skills by developing innovative products and processes using technology in a variety of learning environments by 07/31/2014 as measured by Online Student portfolios, by all learners.

Strategy 1:

Provide student portfolio hosting for all schools. - Google for Education and Microsoft Live 365 will both be used as portals to store, share, and collaborate student works.

Activity - Google for Education	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Provide Google for Education tools to students and training for teachers to utilize these tools for developing classroom portfolios of students work. Schools: All Schools	Technology	01/06/2014	07/31/2015	\$0	General Fund	Christy Blythe, Glen Granberry
Activity - Microsoft Live 365	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Offer online access to local student data store and make it available in the cloud along with online version of Word, Excel, and PowerPoint. Schools: All Schools	Technology	08/01/2013	05/30/2014	\$5000	General Fund	Thomas Ashbaugh & Glen Granberry
Activity - Google Drive Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Offer face to face and online training opportunities for teachers to be able to understand how to use Google Drive in the classroom Schools: All Schools	Professional Learning	08/01/2013	08/30/2013	\$0	No Funding Required	Christy Blythe and Glen Granberry

Goal 2: Prepare and Support Teachers and Leaders to Graduate College- and Career-Ready Students

Measurable Objective 1:

demonstrate a behavior of teachers using technology to teach as well as require students to use technology to learn by 06/01/2014 as measured by Classroom Observation by at least 35% of our teachers .

Strategy 1:

Culture Shift - Lee County Schools will work to change the culture of the student/teacher/classroom relationship towards a new digital learning environment.

Research Cited: International Society for Technology in Education (ISTE) Adapted from NETS-T: Retrieved from <http://www.iste.org/docs/pdfs/NETS-t-standards.pdf?sfvrsn=2>

Activity - PD from static to dynamic	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Provide Professional Learning designed to help teachers move from static, text-based resources to effective, dynamic, interactive, adaptive, multimedia/digital content powered by devices that engage, challenge, and empower students to learn in a variety of ways. Schools: All Schools	Professional Learning	08/01/2013	05/30/2014	\$2000	General Fund	Christy Blythe, Stan Cox, Glen Granberry

Measurable Objective 2:

collaborate to Teachers continuously improve their professional practice, model lifelong learning, and exhibit leadership in their school and professional community by promoting and demonstrating the effective use of digital content, technology tools, and resources. by 05/29/2015 as measured by Classroom observation by at least 75% of our teachers.

Strategy 1:

Local Technology Coach - request local and state funding to support local school instructional technology specialists for every campus.

Research Cited: (Adapted from NETS•Teachers 5a-5d; ALQTS 3–D-1, 3-D-2; Plan 2020, p. 23, 29-30, 58, 78-79)

Activity - Instructional Technology Specialists	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
3. Work to provide support and fund instructional technology integration specialists/technology coaches at the school level (1:50 teachers) to increase teacher technology integration effectiveness and better prepare students to be college- and career-ready. Schools: All Schools	Recruitment and Retention	08/01/2013	05/01/2015	\$60000	State Funds	Glen Granberry, Christy Blythe, Dr. Mac McCoy

Measurable Objective 3:

collaborate to allow Instructional Leaders to inspire and lead development and implementation of a shared vision for comprehensive integration of technology to promote excellence and support transformation by 05/29/2015 as measured by Observation and CIP by all Leaders.

Strategy 1:

Shared Vision - District Administrators will promote and articulate the Vision of the School System to Principals and Assistant Principals so they can carry out the same Vision on their campus.

Research Cited: (Adapted from NETS•Administrators 1a-1d; ALSIL-6.2, 6.3, 6.4, 6.6; Plan 2020, p. 59-60)

Activity - Promotion of Vision	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Develop and disseminate a variety of methods and formats for providing high-quality professional development, such as online, face-to-face, professional learning communities, etc. Schools: All Schools	Professional Learning	08/01/2013	05/29/2015	\$10000	General Fund	Glen Granberry, Christy Blythe, Stan Cox, Dr. Mac McCoy
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Goal 3: All educators and students will have tools to access a comprehensive viable infrastructure when and where they need it.

Measurable Objective 1:

collaborate to Establish viable access points in every classroom so that all students, teachers, and administrators can access network and Internet-based resources. by 08/01/2014 as measured by Infrastructure inventory.

Strategy 1:

Expand appropriate wireless access to learning areas - Wireless should be provided in all schools for access to digital content for learning.

Research Cited: (SETDA, The Broadband Imperative, p.2)

Activity - Install new Access Points	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Install new wireless Access Points starting in our Middle Schools and then moving to our High School. Schools: All Schools	Technology	08/01/2013	08/01/2014	\$100000	Capital Improvement Fund	Richard Battles, Thomas Ashbaugh, Jeff Gollotte, Glen Granberry

Measurable Objective 2:

collaborate to Ensure that every student, teacher, and administrator has 24/7 access to an Internet Connected Device (ICD) with viable access points (as described in Objective 3.2) and appropriate software and Web-based resources for research, communication, multimedia by 08/01/2015 as measured by Every learner and educator having their own device of some type with access to the web and the Lee County content and curriculum..

Strategy 1:

Online Resource Access - All users will have documentation and support with examples of what it looks like to move from an all paper learning environment to and all digital learning environment.

Research Cited: National Education Technology Plan (NET Plan): Transforming American Education, Learning Powered by Technology. (2012) Retrieved from <http://www.ed.gov/technology/netp-2010>.

Activity - BYOD (One-to-One) Guidance	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Alabama Technology Plan: Transform 2020

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Develop a webinar series and guidance documents to support the conversion from print-to-digital content, mobile learning (BYOD) and district-owned devices, customized learning, and all administrative and support services. Schools: All Schools	Professional Learning	08/01/2013	08/01/2014	\$2000	Memorial Funds	Christy Blythe, Glen Granberry
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Measurable Objective 3:

collaborate to provide connectivity to all learners in all required locaitons by 05/30/2014 as measured by Inventory and Infrastruture report.

Strategy 1:

Maintain and expand our WAN - Working with E-Rate and our local Vendor, our WAN will be maintained and expanded capacity added as needed.

Research Cited: The Broadband Imperative: Recommendations to Address K-12 Education Infrastructure Needs. (2012). Retrieved from www.setda.org.

Activity - WAN and Internett Access	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Continue to support access through Alabama Supercomputer. Schools: All Schools	Technology	08/01/2013	05/29/2015	\$500000	USAC Technology	Glen Granberry, Richard Battles.

Measurable Objective 4:

collaborate to Provide local and long distance phone service by 08/01/2014 as measured by Inventory and Infrustructure report for everyone.

Strategy 1:

Phone Services - Accept Bid and File eRate for funding support

Research Cited: National Education Technology Plan (NET Plan): Transforming American Education, Learning Powered by Technology. (2012) Retrieved from <http://www.ed.gov/technology/netp-2010>.

Activity - Local and Long Distance Phone Service	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Local and Long Distance and Cellular phone service to all building and classrooms. Schools: All Schools	Technology	08/01/2013	05/30/2014	\$100000	USAC Technology	Glen Granberry

Measurable Objective 5:

collaborate to provide a web hosting service to support access to valuable teacher and student content via the web by everyone by 06/30/2015 as measured by Functioning and accesable website both inside and outside our network..

Strategy 1:

Web Hosting - Maintain a Bid andE-Rate fillings to recieve District and School Web hosting.

Research Cited: The Broadband Imperative: Recommendations to Address K-12 Education Infrastructure Needs. (2012). Retrieved from www.setda.org.

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Activity - Web Hosting/Creation	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Web hosting agreement will be established with a vendor and data on the site will be maintained on a regular time frame. Schools: All Schools	Technology	08/01/2013	05/29/2015	\$50000	USAC Technology	Glen Granberry

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

USAC Technology

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Web Hosting/Creation	Web hosting agreement will be established with a vendor and data on the site will be maintained on a regular time frame.	Technology	08/01/2013	05/29/2015	\$50000	Glen Granberry
Local and Long Distance Phone Service	Local and Long Distance and Cellular phone service to all building and classrooms.	Technology	08/01/2013	05/30/2014	\$100000	Glen Granberry
WAN and Internet Access	Continue to support access through Alabama Supercomputer.	Technology	08/01/2013	05/29/2015	\$500000	Glen Granberry, Richard Battles.
Total					\$650000	

No Funding Required

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Google Drive Training	Offer face to face and online training opportunities for teachers to be able to understand how to use Google Drive in the classroom	Professional Learning	08/01/2013	08/30/2013	\$0	Christy Blythe and Glen Granberry
Total					\$0	

State Funds

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Instructional Technology Specialists	3. Work to provide support and fund instructional technology integration specialists/technology coaches at the school level (1:50 teachers) to increase teacher technology integration effectiveness and better prepare students to be college- and career-ready.	Recruitment and Retention	08/01/2013	05/01/2015	\$60000	Glen Granberry, Christy Blythe, Dr. Mac McCoy
Total					\$60000	

General Fund

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Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
PD from static to dynamic	Provide Professional Learning designed to help teachers move from static, text-based resources to effective, dynamic, interactive, adaptive, multimedia/digital content powered by devices that engage, challenge, and empower students to learn in a variety of ways.	Professional Learning	08/01/2013	05/30/2014	\$2000	Christy Blythe, Stan Cox, Glen Granberry
Promotion of Vision	Develop and disseminate a variety of methods and formats for providing high-quality professional development, such as online, face-to-face, professional learning communities, etc.	Professional Learning	08/01/2013	05/29/2015	\$10000	Glen Granberry, Christy Blythe, Stan Cox, Dr. Mac McCoy
Microsoft Live 365	Offer online access to local student data store and make it available in the cloud along with online version of Word, Excel, and PowerPoint.	Technology	08/01/2013	05/30/2014	\$5000	Thomas Ashbaugh & Glen Granberry
Google for Education	Provide Google for Education tools to students and training for teachers to utilize these tools for developing classroom portfolios of students work.	Technology	01/06/2014	07/31/2015	\$0	Christy Blythe, Glen Granberry
Total					\$17000	

Capital Improvement Fund

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Install new Access Points	Install new wireless Access Points starting in our Middle Schools and then moving to our High School.	Technology	08/01/2013	08/01/2014	\$100000	Richard Battles, Thomas Ashbaugh, Jeff Gollotte, Glen Granberry
Total					\$100000	

Memorial Funds

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
BYOD (One-to-One) Guidance	Develop a webinar series and guidance documents to support the conversion from print-to-digital content, mobile learning (BYOD) and district-owned devices, customized learning, and all administrative and support services.	Professional Learning	08/01/2013	08/01/2014	\$2000	Christy Blythe, Glen Granberry
Total					\$2000	

Activity Summary by School

Below is a breakdown of activity by school.

All Schools

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Google for Education	Provide Google for Education tools to students and training for teachers to utilize these tools for developing classroom portfolios of students work.	Technology	01/06/2014	07/31/2015	\$0	Christy Blythe, Glen Granberry
Microsoft Live 365	Offer online access to local student data store and make it available in the cloud along with online version of Word, Excel, and PowerPoint.	Technology	08/01/2013	05/30/2014	\$5000	Thomas Ashbaugh & Glen Granberry
Google Drive Training	Offer face to face and online training opportunities for teachers to be able to understand how to use Google Drive in the classroom	Professional Learning	08/01/2013	08/30/2013	\$0	Christy Blythe and Glen Granberry
Install new Access Points	Install new wireless Access Points starting in our Middle Schools and then moving to our High School.	Technology	08/01/2013	08/01/2014	\$100000	Richard Battles, Thomas Ashbaugh, Jeff Gollotte, Glen Granberry
BYOD (One-to-One) Guidance	Develop a webinar series and guidance documents to support the conversion from print-to-digital content, mobile learning (BYOD) and district-owned devices, customized learning, and all administrative and support services.	Professional Learning	08/01/2013	08/01/2014	\$2000	Christy Blythe, Glen Granberry
PD from static to dynamic	Provide Professional Learning designed to help teachers move from static, text-based resources to effective, dynamic, interactive, adaptive, multimedia/digital content powered by devices that engage, challenge, and empower students to learn in a variety of ways.	Professional Learning	08/01/2013	05/30/2014	\$2000	Christy Blythe, Stan Cox, Glen Granberry
WAN and Internet Access	Continue to support access through Alabama Supercomputer.	Technology	08/01/2013	05/29/2015	\$500000	Glen Granberry, Richard Battles.
Local and Long Distance Phone Service	Local and Long Distance and Cellular phone service to all building and classrooms.	Technology	08/01/2013	05/30/2014	\$100000	Glen Granberry
Web Hosting/Creation	Web hosting agreement will be established with a vendor and data on the site will be maintained on a regular time frame.	Technology	08/01/2013	05/29/2015	\$50000	Glen Granberry

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Instructional Technology Specialists	3. Work to provide support and fund instructional technology integration specialists/technology coaches at the school level (1:50 teachers) to increase teacher technology integration effectiveness and better prepare students to be college- and career-ready.	Recruitment and Retention	08/01/2013	05/01/2015	\$60000	Glen Granberry, Christy Blythe, Dr. Mac McCoy
Promotion of Vision	Develop and disseminate a variety of methods and formats for providing high-quality professional development, such as online, face-to-face, professional learning communities, etc.	Professional Learning	08/01/2013	05/29/2015	\$10000	Glen Granberry, Christy Blythe, Stan Cox, Dr. Mac McCoy
Total					\$829000	