



Alabama Technology Plan

Russell County School System

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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?

Russell County is located in east Alabama on the Alabama/Georgia border. This progressive growing county affords the serene atmosphere and friendly environment of a rural area but also includes the services of Phenix City. Directly across the Chattahoochee River is Columbus, Georgia, which offers the amenities of a larger city. Fort Benning, Georgia, is in close proximity and is creating growth in the bi-city area from Base Realignment and the recent closures (BRAC) of other military bases. Booming agricultural, timber, and paper industries are cornerstones of Russell County's predominant workforce. Meadwestvaco is a paper mill located south of the school system and one of the largest employers in the local community. Chattahoochee Valley Community College and Troy University are two higher educational institutions that provide an array of educational services within the Russell County School System. The colleges are dedicated to providing accessible and affordable quality of education.

The alignment of higher learning through activities and courses for students and teachers in the Russell County School System has provided access for high school students in dual enrollment and professional activities for instructional staff. Additionally, there are other colleges and universities within a 50-mile radius of Russell County. These include Auburn University, Southern Union Community College, Columbus State University, Columbus Technical College, Tuskegee University, LaGrange College, Troy University (Fort Benning), and Georgia Military College.

According to the most recent census report, the total population of Russell County is 59,585. This includes the corporate limits of Phenix City. This population includes a diverse culture of approximately 54% Caucasian, 42% African-American, five percent Hispanic and one percent other ethnicities. The total land area of Russell County is 641 square miles and the median income is \$28,855. Of the adult population, approximately 67% are high school graduates. Grade levels include Kindergarten through 12th Grade with programs and services that are developed to meet the diverse needs of all students based on multiple types of data.

There are five elementary schools (K-5) throughout the massive, rural school district. There is one middle school (grades 6-8) and one high school (grades 9-12) located in the center of the county. We have approximately 69% of students in the district qualifying for the Free and Reduced Lunch Program. However, due to USDA and state eligibility programs, all students in the Russell County School District receive universal breakfast for the 2014-2015 school year. The Universal Breakfast Program offers all students the option to eat breakfast at no cost. Moreover, three of our schools are currently participating in the Free Lunch Program.

Despite socioeconomic barriers, the Russell County School System seeks opportunities that will afford our students a wide range of benefits and services. The Russell County School System is the recipient of funding from the Alabama Reading Initiative which provides funding for Instructional Coaches. These coaches serve as a valuable resource for student and teacher support of the academic curriculum and instructional programs. At the secondary level, the system has implemented advanced placement courses, online courses, and career technical courses to provide opportunities for the diverse needs of the student population. Student performance has improved in many of the academic areas over the years. The Russell County High School is considered a priority school but is making improvements as noted in the high school graduation data.

The Russell County Schools are partnered with local business owners and community leaders in order to supplement the local, state, and federal revenues. These partners provide classroom resources, incentives, and services for students, parents, and teachers. These include, but are not limited to businesses and organizations such as Wal-Mart, Chick-fil-a, Meadwestvaco, TEARS, East Alabama Mental Health, Fort Benning, Family and Children Connection, Dollar General, Fort Mitchell Subway, Chester's Barbecue, and Phenix City Children's Clinic (Dr. Chandra).

Although improvements have been to increase resources to the school district, the Russell County School System encounters various challenges. As a rural school district, it is very difficult to retain new teachers in our school system. We compete with surrounding city school districts such as Auburn, Phenix City, and Opelika. Unfortunately, many of our teachers live in these cities and spend two to three years in our school system before they pursue employment in these larger and more developed areas where they reside. A challenge is increase in student enrollment because of a rapidly growing military population impacted by base realignment and closure (BRAC). As a result, the Russell County School District has expanded its facilities to accommodate the growth. In 2012, Mt. Olive Elementary School was divided into two individual schools, Mt. Olive Primary (K-2) and Mt. Olive Intermediate (3-5). Russell County Board of Education continues to plan and collaborate to prepare for additional student growth and meet the needs of a diverse population.

Currently there are approximately 452 employees employed by the Russell County Board of Education to include certified and classified personnel. The total student enrollment is 3,600. The Russell County Board Of Education, Superintendent, Teachers, Support Staff, Parents, and Community Members provide a strong, positive, and caring culture. Our aim is to encourage, support and strengthen the educational programs at all schools in order to ensure student success. The strong collaboration, communication, and commitment of all stakeholders provide the necessary foundation to ensure that the vision, mission, and goals of the Russell County School System are fulfilled.

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.

Vision: Inspire, Empower, and Educate with Excellence

Mission: Our mission is to engage students in quality learning experiences that will prepare them for success in college, career, and life.

The district's instructional program is based on the following beliefs:

- All students can learn and are to be actively engaged in the learning process through a variety of teaching techniques in order to accommodate diverse learning styles.

- Students will be engaged in highly challenging academic work that develops their ability to think, reason, solve problems, and prepare them to deal with issues and problems they will face in the future.
- A safe and physically comfortable environment promotes student learning.
- The school environment should increase student understanding of different peoples and cultures, thus enriching the teaching and learning environment.
- Teachers, parents, and the community, including businesses, industries, and government, share in the responsibility for the support of the schools within the district.
- The building principal is responsible for providing an environment where teachers can teach and students can learn.
- Evaluation of student performance is crucial to learning; therefore, immediate feedback provides motivation to move toward new areas of achievement.
- Special services and resources shall be provided for identified students.
- Teachers must stay abreast of new and innovative ideas to motivate and stimulate students' learning throughout the curriculum.
- The Russell County School system exists so that it may provide the environment and the learning experiences which assist all students in becoming responsible members of society in the 21st century.

Strong communication among all district levels is critical to the implementation of the total educational program. A collaborative approach is followed when making instructional decisions. The educational policy of the school district is set by the Board of Education. All employees are expected to carry out all policies and procedures as established by each individual school and the local school board. Decisions are strictly based on what is best for our children. It is with this philosophy that we have organized our schools and school district.

All schools in the Russell County School District have an individual school vision, mission statements, and beliefs that support the Russell County District's purpose, goals, and objectives. The instructional programs, academic practices, course offerings, instructional resources, and student expectations are researched -based, data driven, and student centered which are aligned with the district's vision, mission, and beliefs statements. In addition, the curriculum development is based on individual student needs, the Alabama Course of Study, and the College and Career Readiness Standards as evidenced in the school's Continuous Improvement Plans. Furthermore, vertical and horizontal planning and professional development are integral parts of addressing the school system's stated objectives.

Through a collaborative effort between Russell County School System and the East Alabama Regional In-service Center, we have Professional guidance of the Director of Instruction, five District Instructional Coaches and one Regional Instructional coach. The goal of the Master Classroom is to provide a professional learning/growth opportunity for identified teachers where they examine their current practice through a lens of moving their instruction from "good" to "great." Master Classroom is centered around 5 focus areas: introducing the lesson, the flow of the lesson, identifying purpose first and then picking the appropriate research based strategy, assessing and adjusting throughout the lesson, and making sure that the rigor of instruction, questioning, and assessing matches the rigor of the standards.

Participants are observed and provided feedback on a continuous basis throughout the 6 month program and are videotaped twice for self-reflection. Student progress and instructional practices are monitored through classroom observations, formal and informal student assessments, data analysis, and survey results. School-wide and District level data meetings are held at least once per month to guide instruction and monitor student progress. At the secondary level, we have a PowerSchool Formative Assessment that mirrors the required state ACT/ASPIRE assessment and is administered four times per year at end of each quarter. The assessment data is used to monitor and guide instruction. Many schools have intervention plans and extended learning opportunities such as the Problem Solving Team, extended day, tutoring programs, and computer- based remediation programs to address the needs of struggling students

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.

Russell County School District, in the last three years, have made the following notable achievements:

- Zero (0) schools are on the State of Alabama's Department of Education's failing schools' list. This list requires a school to receive and embrace state intervention. All 6 th graders at the 4 elementary schools scored higher than the national average in mathematics. In 2016, Russell County High School has been removed from the SDE's priority school list.
- All 7 schools and the district meet the local indicator adequate yearly progress.
- District leaders participate in continuous embedded professional development and thus development 1) a local electronic lesson plan form, 2) an informal local walkthrough protocol identifying the active engagement of students as well as teacher responses in classrooms, and 3) data meeting management using benchmark assessments developed locally and at the district level.
- Administrators, teachers, and support staff alike are utilizing a variety of learning strategies and resources to address the individual learning needs of students. The school representatives and district administrators successfully developed district-wide pacing guides in reading, k-7 math, Algebra I, Geometry, English 9 and 10. Extended day learning opportunities, tutoring programs, mobile apps such as Nearpod and Kahoot!, technology labs, technology-based intervention programs such as ACCESS ACT Prep courses, Edmentum, MobyMax and Study Island.
- All students have an individualized log in and CLEVER badge identification code that grants permission to use district-provided technology while at school.

RCSD is a google-district this means that we use as many google tool and resorces in order to increase student academic achievement. This has also helps us become a big adopter of Chrome books in our schools.

- Teachers are engaged in active professional development with emphasis being placed on implementation of researched-based teaching strategies. Professional development is provided using a variety of formats such as job-embedded, coaching models, face-to-face sessions, off site conference and workshop sessions throughout the entire school year. The August and January months of the district calendar have one day specified as the district-wide professional development day. This is the day that district initiatives are presented to faculty and staff at the variety of grade levels and disciplines. Our district schools have all contributed to the academic achievements in our schools.
- The average ACT score improved in English, Reading, Math, and Science. The composite score improved from 17.1 to 17.7 overall.
- Every summer, Russell County School District sponsors a K-12 summer intervention program at one of its school sites. Over 250 students attend the program. The summer program focuses on math and reading skills. The program is open to all students.

- Every summer the district sponsors a Kindergarten Kick Start program for 2-weeks prior to the start of school where new students.
- All summer program participants received free transportation and a daily lunch at no cost.
- RCSD offers 3 pre-kindergarten classes at Ladonia, Dixie, and Oliver Elementary schools.
- RCSD's At Risk Program received a \$50,000 grant from the state department of education to support a Failure, Not an Option Program.
This program
- RCSD entered into a partnership with Helping Families Initiative Program with the Russell County District Attorney's Office and the Russell County Department of Human Resources to assist students who lack good attendance, behavior and discipline and their parents/families
- RCSD was awarded a military student transition counselor which serves to help 4 schools in our district to help facilitate military-connected families in, out and about our school district.
- There appears to be a growing sense of hope for a brighter future among the Career Technical Education students of the Russell County School District. There have been a number of changes which we think have fostered a more optimistic outlook. At the middle school, the majority of students are eligible to earn a half credit of high school units by completing part A of the Career Preparedness Course. This course provides information, experiences, and skill development to students. It also gives students a
- Jump-start on academic planning for high school and beyond, career planning and preparation, and development of serious computer skills; all of which are extremely valuable to our students both for today and for the future. Each student develops an electronic 4-year plan. At the high school, Public Safety and Industrial Maintenance were added in 2014. The new Public Safety program has generated a ground-swell of support from surrounding communities and a tremendous interest and participation from the student body. This is a program offering information, experiences, and skill development in three related career fields: Emergency Medical Services, Fire Science and Law Enforcement. The second new program, Industrial Maintenance, is also resonating quite well with the surrounding communities and with the students. The program provides information, experiences, and skill development in this broad field which prepares students for advanced education and careers in many technical fields like welding, pipe fitting, metal fabrication, as well as the electrical and mechanical fields like HVAC and millwright. Another program that is receiving attention is Jobs for Alabama Graduates (JAG). This program is 1 of only 33 programs in the nation and is grant-funded on a year to year basis. This year's program is at its all-time high with 68 students enrolled. The previous year's enrollment was 46 and 54 respectively. Our JAG Specialist is a national project-based learner training and our students have received state recognition twice for their achievements at the national and state levels. JAG is designed to help teens who have experienced unsettling events in their lives which put them at risk of slipping through the cracks. It has proven to be a highly effective means of intervention, and has been life-changing for many of our students. In addition, the Business Education program continues to grow; achieving state-wide recognition for the top number of students achieving Microsoft Credentialing through their IT Academy; having a strong emphasis on Accounting and Finance; and by developing and promoting a new Marketing course which in time, we expect to grow into another branch of study. Furthermore, the high school class, Career Preparedness-B, is providing a continuation of the development of knowledge and skills in the areas of college and career preparation, computer literacy and financial literacy. This course has the added advantage of exposing most of the students to the other opportunities available through the Business Education program. This year the Business Management program received a grant from Tuskegee University to begin an eComputer Science Program. The program was also adopted by TSYS Corporation. Lastly, the Health Science, Culinary Arts, and Automotive Service Technology programs continue to enjoy popularity and has an

admirable reputation for student achievement through placement in related jobs and in post-secondary schools. The programs routinely does well in club competition, frequently having students advancing all the way to the national level. All of the CTE programs tie into our school system's overall theme of preparing students to be college-and-career -ready. These programs equip students with the skills, attitudes, and abilities needed for business and industry, continuing education, and lifelong learning. We are currently served by 2 career coaches.

-Enlarged territory for dual enrollment offerings at Chattahoochee Community College, Wallace Community College-Dothan, and Southern Union Community College service areas. We currently offer tuition, books and fees scholarships for all students enrolled in career and technical dual enrollment courses. GEAR Up students will soon be able to participate in dual enrollment offerings at University of Alabama at Birmingham.

-In the 3 rd year, RCSD supports and maintains active participation in the BlackBelt's GEAR Up Alabama Initiative. Currently supporting 10 th grade students, when this cohort of students graduate high school, they will be eligible to attend a 2 year post-secondary school of their choice tuition-free.

-All elementary schools are served by an instructional reading coach. One intermediate school is served by an instructional math coach. The middle and high school are served by an instructional district coach who specialist in special needs, classroom management and remediation strategies.

- STEM initiative partnerships with SPARKs to encourage students to pursue careers in the sciences, technology and mathematics industries.

-RCSD became an active member of the Dream It! Do It! Campaign with our local service post-secondary community college, Chattahoochee Valley Community College. Our students middle and high school students participate in Central Alabama Works Career Discovery Expo and Manufacturing Day with local corporations such as Pitt's Trailers and VectorPly Industries.

- Phase 1 technology upgrades

Upgrade old 100 meg network switches to new 1 gig network switch and during this upgrade we integrated vlans to help route traffic and decrease network noise in order to keep up with the demand of the network resources used in today's classrooms.

Replaced network cables with proper sized cables in all of our network closets across our district and remove all old and out dated equipment.

We are also in the process of moving our network core to the Technology Office.

- In spite of the many accomplishments and success in the Russell County School District, we continue to face many challenges.

- The graduation rate at the Russell County High School has consistently increased in the past years. It was 77% in 2014, 75% in 2015, 78% in 2016 and currently 75% for the class of 2017.

During the next three years, the Russell County School District would like to primarily focus on improvement in the following areas:

- Incorporate Intervention Programs to close achievement gaps and address at-risk students.

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- Improve data analysis in order to guide instruction

- Funding to support Professional Development

- Increased Parent and Community Involvement (Currently hosting district-wide parent engagement workshops. Developed a district-wide parent advisory committee.

- Increased Special Education Training

- Provide needed textbooks and classroom resources to support quality instruction (during the last school year more than \$194,509.00 was spent on purchasing new textbooks at all grade levels.)

- Improve School Safety (currently our high school is undergoing a face-lift to ensure that our campus is safe and free from unforeseen threats. Project completion deadline - (March 2018)

- Increased technology tools and resources for student and teacher use (Currently entering into phase 2)
Network upgrade Phase 2 network upgrade is currently underway and we will place a new wireless access point in every classroom in order to support the many mobile and wireless device in today's classroom we are also restructure the login process so that student can access the schools WIFI with their personal device.

- Funding to support a district-wide Fine Arts Program (increased participation in the marching band from 80 students to 180 students marching on Friday nights and in parades and competitions)

Additional Information

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

The current school year started on a positive twist with a motivational theme entitled, "I Believe". Several dynamic speakers and powerful workshops motivated and inspired the employees during our annual Institute and back to school In-service Days. Our school system is confident in that we have the skills, knowledge, and creativity to embrace challenges as opportunities that will make positive and life-changing influence on our children. We are continually committed to "Being A Champion" to defeat the challenges in today's public schools in order to accomplish the mission of the Russell County School District. It is our goal to provide all children with a quality education that will enable them to be contributing and productive members to society.

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.

The Technology director chose representative from each school based on technological expertise. Based on this selection, the committee consisted of three classroom teachers, five media specialists, federal programs director, data based manager, Technology Director and Curriculum Director. Meetings were scheduled near the end of the school day. Principals allowed released time for the committee members to attend. However most of the collaboration happen inside the google classroom setup for the district technology plan. Each member was assigned to a subcommittee and were asked to provide input.

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

The committee consisted of three classroom teachers, five media specialists, federal programs director, data based manager, Technology Director and Curriculum Director. Each representative had a role among their sub groups in the google classroom used for the committee. The Technology Director led the committee. The classroom teachers and media specialists provided instructional insight and student use. The technology director brought a professional development perspective. The Technology Director and data based manager provided network and wireless possibilities. Federal programs director guided the budgeting discussion.

Fabian Bauerschmidt, Technology Director
Dr. Mesha Patrick, Federal Programs
Debbie Webster, Curriculum Director
Larry Saulsberry, Mt.Olive Primary, Principal
Denise Shields, Data Based Manager
Scotty Brooks, Russell County High School Media Specialist
Kelly Knolls, Oliver Elementary School, Media Specialist
Brian Larson, Dixie Elementary, Teacher
Kimberly Johnson, Mt. Olive Intermediate, Teacher
Susan Corcoran, Ladonia Elementary School, Media Specialist
Bethany Venable, Mt. Olive Primary, Media Specialist
Claudia Overton, Mt. Olive Intermediate, Media Specialist
Scott Bates, Russell County Middle School, Teacher
Tiffany Rinaldi, Russell County High School, Teacher

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 final improvement plan will be posted on the Russell County School District website.

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:

- Compliance Monitoring Reports
- Continuous Improvement Plan
- End of Course Assessments
- Graduation Rates
- Professional Learning Evaluations, Lesson Plans
- State Government Regulations
- Technology Plan Surveys (*Required)

Walk through Results, Principals/Directors Meetings

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.

Area of Needs/Data Sources: Existing internal wiring infrastructure is in need of repair in many classrooms which was noted in technology walk through and observations. Poor Wireless coverage in densely populated areas, and slow download speeds during high usage times.

Areas of Strength/Data Sources: Switches are connected via stack cable in each IDF allowing 10 Gig throughput between the stack. As a result of technology needs/discussions, the district has purchased and is currently installing a robust wireless infrastructure. According to our Alabama Technology Transform 2020 survey, 70% of our faculty and staff feel they have adequate access to wireless connectivity within the district. We have also Virtual Sever implementation reduced our server equipment and our carbon foot print

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/Data Sources: We need to replace computers that are four plus years old. Many of our classrooms have interactive boards Interactive boards that are approaching end of life. Increase number of devices available for students are needed to get our system in a 1:1 student to computer ratio. This need was identified by technology walk through conducted in all buildings and through the many maintenance requests received through the help desk.

Areas of Strength/Data Sources: All of our schools receive Title I funding, which means we have an adequate amount of interactive boards, mobile computer labs, and student response systems. Every classroom currently has some type of interactive board. This strength was identified through technology walk through and by current inventory at all Title I Schools.

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/Data Sources:

While we have made great improvements in establishing a more dependable internet, we are still having internet outages. Another challenge that our district faces is finding opportunities to continue to provide teachers with professional development and opportunities to see technology embedded into effective instructional practices. Along with these two concerns/needs, we need to continue to upgrade devices to keep up with the advancements in technology

Areas of Strength/Data Sources:

The District has made it a top priority to ensure that teacher computers are being updated across the school district. To increase opportunities for students to utilize technology in the school setting, the district has purchased large numbers of laptops, smart panels and
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viewsonic panels. Each school received a chrome book cart to add to their own inventory. Teachers have sufficient access to online resources.

Areas of Need/Data Sources:

Alabama Technology Transform 2020

Teacher Survey

Inventory

Technology Work Tickets

Purchased Orders

Professional Development

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/Data Sources: According to our Alabama Technology Transform 2020 survey, 62% of our faculty do not participate in local and global learning communities to explore creative applications of technology to improve student learning. In addition, 62% said that they did not have a sufficient number of professional learning sessions to successfully integrate technology and digital resources.

Areas of Strength/Data Sources: According to our Alabama Technology Transform 2020 survey, 74.37% of our teachers are interested in learning more about planning and using project-based/authentic learning activities in their classrooms and 93% are interested in learning more about planning and implementing a 1:1 initiative in their classrooms.

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/Data Sources: According to our Alabama Technology Transform 2020 survey, 44% of our teachers also say their students do not utilize digital student learning programs. In addition, 60% of faculty do not plan instruction using the National Education Technology Standards (NETS-Students) to ensure their students have the knowledge, skills, and attitudes necessary for school (PK-21) and careers.

Areas of Strength/Data Sources: According to our Alabama Technology Transform 2020 survey, 73% of our faculty feel they have sufficient digital devices and tools to effectively integrate technology into their teaching and 90% are interested in learning more about planning and implementing a 1:1 initiative in their classrooms.

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/Data Sources: We need additional funding to purchase additional staff computers to increase productivity. Based on walk through data and individual school inventory, we do not have enough staff computers for each member of our faculty/staff. This was also determined by looking at the general school budgets to see that there is no line item for teacher computers.

Areas of Strengths/Data Sources: All teachers have access to Google Apps, Office 365, voicemail. These resources are 100% provided by the technology department.

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/Data Sources:

Even though we utilize INow as a school district, many administrators/teachers have expressed that they would like additional training. We have spent the last year developing our teacher effectiveness program which would be made more efficient if we had portable digital devices to use during classroom observations. We have developed a new website and introduced the whole suite of Google Education, but now we need to move toward consistent and full implementation by district leaders, administrators and teachers

Areas of Strength/Data Sources:

Administrators currently use email and Google calendar. Some are currently using Google sheets docs. We feel that our leaders need to be role models as far as their willingness to incorporate new types of technology. We have greatly increased our use of social media to communicate with stakeholders all the great things that are going on is Russell County Schools. Administrators state that they are willing to provide professional development with guidance and 81% of teachers feel that their principal supports and promotes integrating digital resources within their classroom.

Data Sources :

Alabama Technology Transform 2020

Discussion with administrators

Inventory

district and principal meetings

observations within the schools

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.

Areas of Strength/Data Sources: All media centers within the district are using Destiny, making it possible to see each school's inventory and for schools to request to borrow materials. All elementary schools and the middle school are using Accelerated Reader and Star Testing. All schools are able to measure student progress and growth utilizing Chalkable Assessments online data platforms. These data pieces were collected through observations, discussions, and district meetings.

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.

District Professional Development

SmartBoard Training (Synergetics)
Ladonia and Russell County Middle
October 23, 2017
Face to Face

ACT Preparatory
October 4th
Mr. Brooks
All faculty face to face
RCHS Media Center

New Teacher Viewsonic Course/Refresher for Veterans
September 28th
Mr. Brooks
Face to Face
RCHS Media Center

Website Day
October 4th
Jasponica Florence
Face to face
RCSD Seale Campus

QR Code/Clever Chromebook training
October 3rd
Bethany Venable
Face to face- faculty meeting
Mount Olive Primary School

Google Websites
September 5, 2017
Mrs. Jones
Face-to-Face
MOIS faculty meeting

Alabama Technology Plan

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Global Scholar Training

September 14, 2017

Mrs. Jones/Ms. Overton

Face-to-Face

MOIS Faculty Meeting

District Professional Development Day Technology Training

July 24th

Face to Face

8:15 - 9:15 Google 101 Mr. Brooks Room 101

9:30 - 10:30 Tech Knowledge Mr. Garland Room 101

10:45 - 11:45 repeat Tech Knowledge Mr. Garland Room 101

1:15 - 2:15 Inow Grade Book Ms.Duke and Ms. Shields Room 101

2:30 - 3:30 Google 102 Mr. Brooks Room 101

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.

WAN Infrastructure -- All schools have gigabit Ethernet switch networks connected by managed Dell switches that are all controlled and configured from one central location. Fiber cable connects multiple switch closets together in all of our schools and is running at gigabyte speed from building to building.

LAN Infrastructure- All of these servers are connected through 1 gigabit switch, while each school (100%) is linked through a 1 gigabit fiber connections. All Schools are setup with WiFi access points to allow for anytime-anywhere learning for students and more practical access for teachers and administrators to their data. Future plans for Internet Access include increasing bandwidth speeds are under way

Internet Access -- Our Internet Bandwidth is currently 250 Mb although we are in the process to increasing it to 500 Mb with Alabama Supercomputer Authority. Our content filter is light speed that is also provided to us by Alabama Supercomputer Authority. This software blocks visual depictions that are obscene, child pornography, and sites that maybe harmful to our students

Security and Safety -- The Russell County Board of Education also has a Cisco ASA Firewall to help protect the network from outside sources. A windows update server is configured to push out all mandatory windows updates. 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 devises that continue to increase in use on our campuses. Network Access Control devises (NAC) and Intrusion Prevention Systems (IPS) will be evaluated and considered for implementation as budgets allow and risks are determined.

Digital tools\Content --We are also providing email, calendaring, and tasks management to all faculty and staff through a Google apps for educations.

Label	Assurance	Response	Comment	Attachment
2.	Did you complete the Inventory for each school in your school system?	Yes	Complete State excel inventory sheet and have attached it below	RCSD Inventory 2017-18

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:

Prepare and support teachers and leaders to graduate college-and career-ready students

Measurable Objective 1:

demonstrate a proficiency Improve quality of instruction through the use of professional development by 10/01/2017 as measured by use of provided professional development, lesson plans, administrator walk through and student products..

Strategy1:

Professional Development- Provide professional development for devices that are currently in the system and classroom instruction - 1. Teachers, staff and administrators will be provided a wide range of professional development opportunities to improve the teaching/learning process as well as job productivity.

2. Teachers, staff and administrators will implement and share innovative technology ideas acquired through professional development.
3. Administrators will analyze technology professional development outcomes to determine future related professional development needs within the district.

Category: Develop/Implement Professional Learning and Support

Research Cited:

Activity - Online Classes and certification for students	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Students will take online classes using ACCESS, Edmentum, and Career Tech resources to gain Microsoft certification , course credits, and other technology based certification	Direct Instruction Technology Academic Support Program	10/01/2016	10/01/2019	\$15000 - Title I Part A	Technology Director, Career Tech Director, At Risk Director

Activity - School provided technology professional development	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
School and district administrators will provide professional development as outlined by ACIP, technology needs assessment, and Transform 2020	Technology	10/01/2016	10/01/2019	\$5000 - Title II Part D \$10000 - General Fund	Director of Technology, Administrators, District Technology Coach

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Activity - Digital Learning	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Students will use various multimedia technology digital tools to create instructional products.	Direct Instruction Academic Support Program Technology	10/01/2016	10/01/2019	\$0 - District Funding	Administrators, Teachers, Technology Director

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:

Prepare and support teachers and leaders to graduate college-and career-ready students

Measurable Objective 1:

demonstrate a proficiency Improve quality of instruction through the use of professional development by 10/01/2017 as measured by use of provided professional development, lesson plans, administrator walk through and student products..

Strategy1:

Professional Development- Provide professional development for devices that are currently in the system and classroom instruction - 1. Teachers, staff and administrators will be provided a wide range of professional development opportunities to improve the teaching/learning process as well as job productivity.

2. Teachers, staff and administrators will implement and share innovative technology ideas acquired through professional development.
3. Administrators will analyze technology professional development outcomes to determine future related professional development needs within the district.

Category: Develop/Implement Professional Learning and Support

Research Cited:

Activity - Digital Learning	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Students will use various multimedia technology digital tools to create instructional products.	Direct Instruction Technology Academic Support Program	10/01/2016	10/01/2019	\$0 - District Funding	Administrators, Teachers, Technology Director

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:

Alabama Technology Plan

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Prepare and support teachers and leaders to graduate college-and career-ready students

Measurable Objective 1:

demonstrate a proficiency Improve quality of instruction through the use of professional development by 10/01/2017 as measured by use of provided professional development, lesson plans, administrator walk through and student products..

Strategy1:

Professional Development- Provide professional development for devices that are currently in the system and classroom instruction - 1. Teachers, staff and administrators will be provided a wide range of professional development opportunities to improve the teaching/learning process as well as job productivity.

2. Teachers, staff and administrators will implement and share innovative technology ideas acquired through professional development.

3. Administrators will analyze technology professional development outcomes to determine future related professional development needs within the district.

Category: Develop/Implement Professional Learning and Support

Research Cited:

Activity - School provided technology professional development	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
School and district administrators will provide professional development as outlined by ACIP, technology needs assessment, and Transform 2020	Technology	10/01/2016	10/01/2019	\$10000 - General Fund \$5000 - Title II Part D	Director of Technology, Administrators, District Technology Coach

Activity - Online Classes and certification for students	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Students will take online classes using ACCESS, Edmentum, and Career Tech resources to gain Microsoft certification , course credits, and other technology based certification	Academic Support Program Direct Instruction Technology	10/01/2016	10/01/2019	\$15000 - Title I Part A	Technology Director, Career Tech Director, At Risk Director

Activity - Digital Learning	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Students will use various multimedia technology digital tools to create instructional products.	Direct Instruction Technology Academic Support Program	10/01/2016	10/01/2019	\$0 - District Funding	Administrators, Teachers, Technology Director

Goal 2:

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

Measurable Objective 1:

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collaborate to develop and implement a support strategy for the maintenance of existing systems, replacement of out of date systems, and continued improvement of wireless access by 10/01/2019 as measured by Transform 2020 survey and inventory needs assessment..

Strategy1:

Maintain and Upgrade Systems - The district will monitor existing equipment to determine support needs and upgrades required to meet increased demands of the learning environment.

Category: Other - Technology Infrastructure

Research Cited:

Activity - Create a Technology Needs Assessment	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Identify student's and teacher's needs as related to instructional concerns	Technology	10/01/2016	10/01/2019	\$0 - District Funding	Technology Department, Building principals, Directors

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:

Prepare and support instructional leaders, teachers, and students to effectively utilize technology in instruction

Measurable Objective 1:

demonstrate a proficiency Improve quality of instruction through the use of professional development by 10/01/2017 as measured by use of provided professional development, lesson plans, administrator walk through and student products..

Strategy1:

Professional Development- Provide professional development for devices that are currently in the system and classroom instruction - 1. Teachers, staff and administrators will be provided a wide range of professional development opportunities to improve the teaching/learning process as well as job productivity.

2. Teachers, staff and administrators will implement and share innovative technology ideas acquired through professional development.

3. Administrators will analyze technology professional development outcomes to determine future related professional development needs within the district.

Category: Develop/Implement Professional Learning and Support

Research Cited:

Alabama Technology Plan

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Activity - New Teacher Training	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
At new teacher orientation, teachers will learn how to use digital management and instructional tools	Professional Learning Technology	10/01/2016	10/01/2017	\$0 - Other	Superintendent; Technology Director; Principals; Director of Administrative Services

Activity - School provided technology professional development	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
School and district administrators will provide professional development as outlined by ACIP, technology needs assessment, and Transform 2020	Technology	10/01/2016	10/01/2016	\$5000 - Title II Part D \$10000 - General Fund	Director of Technology, Administrators, District Technology Coach

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:

Infrastructure

Measurable Objective 1:

collaborate to develop and implement a support strategy for the maintenance of existing systems, replacement of out of date systems, and continued improvement of wireless access by 10/01/2017 as measured by Transform 2020 survey and inventory needs assessment..

Strategy1:

Maintain and Upgrade Systems - The district will monitor existing equipment to determine support needs and upgrades required to meet increased demands of the learning environment.

Category: Other - Technology Infrastructure

Research Cited:

Activity - Replacement of Network Back Up System	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Replace back up system to ensure that all district data is routinely and securely backed up to cloud services facilitating decreased system down times and improving teacher accessibility	Technology	10/01/2016	10/01/2017	\$0 - District Funding	Technology Department, Superintendent

Activity - Upgrade Wireless System	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Upgrade wireless infrastructure to a robust and functional system that the weather does not cause interferences	Technology	10/01/2016	10/01/2017	\$5000 - District Funding	Technology Department

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:

Infrastructure

Measurable Objective 1:

collaborate to develop and implement a support strategy for the maintenance of existing systems, replacement of out of date systems, and continued improvement of wireless access by 10/01/2017 as measured by Transform 2020 survey and inventory needs assessment..

Strategy1:

Maintain and Upgrade Systems - The district will monitor existing equipment to determine support needs and upgrades required to meet increased demands of the learning environment.

Category: Other - Technology Infrastructure

Research Cited:

Activity - Replacement of Network Back Up System	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Replace back up system to ensure that all district data is routinely and securely backed up to cloud services facilitating decreased system down times and improving teacher accessibility	Technology	10/01/2016	10/01/2017	\$0 - District Funding	Technology Department, Superintendent

Activity - Create a Technology Needs Assessment	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Identify student's and teacher's needs as related to instructional concerns	Technology	10/01/2016	10/01/2017	\$0 - District Funding	Technology Department, Building principals, Directors

Activity - Upgrade Wireless System	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Upgrade wireless infrastructure to a robust and functional system that the weather does not cause interferences	Technology	10/01/2016	10/01/2017	\$5000 - District Funding	Technology Department

Activity - Inventory existing equipment regardless of funding sources	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Currently, very few departments and schools maintain an up to date inventory system.	Technology	10/01/2016	10/01/2017	\$0 - District Funding	Technology Department, Principals, Directors

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		Tech Plan 2017-2018 Assurance

Technology Plan: 2017-2018

Overview

Plan Name

Technology Plan: 2017-2018

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	Prepare and support teachers and leaders to graduate college-and career-ready students	Objectives: 1 Strategies: 1 Activities: 4	Organizational	\$30000
2	Engage and Empower the Learner through Technology	Objectives: 1 Strategies: 3 Activities: 4	Organizational	\$0
3	All educators and students will have tools to access a comprehensive viable infrastructure when and where they need it.	Objectives: 1 Strategies: 1 Activities: 10	Organizational	\$7700

Goal 1: Prepare and support teachers and leaders to graduate college-and career-ready students

Measurable Objective 1:

demonstrate a proficiency Improve quality of instruction through the use of professional development by 10/01/2017 as measured by use of provided professional development, lesson plans, administrator walk through and student products..

Strategy 1:

- Professional Development- Provide professional development for devices that are currently in the system and classroom instruction - 1. Teachers, staff and administrators will be provided a wide range of professional development opportunities to improve the teaching/learning process as well as job productivity.
2. Teachers, staff and administrators will implement and share innovative technology ideas acquired through professional development.
3. Administrators will analyze technology professional development outcomes to determine future related professional development needs within the district.

Category: Develop/Implement Professional Learning and Support

Activity - School provided technology professional development	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
School and district administrators will provide professional development as outlined by ACIP, technology needs assessment, and Transform 2020 Schools: All Schools	Technology	10/01/2016	10/01/2019	\$15000	General Fund, Title II Part D	Director of Technology, Administrator s, District Technology Coach

Activity - New Teacher Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
At new teacher orientation, teachers will learn how to use digital management and instructional tools Schools: All Schools	Technology, Professional Learning	10/01/2016	10/01/2019	\$0	Other	Superintendent; Technology Director; Principals; Director of Administrative Services

Activity - Online Classes and certification for students	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will take online classes using ACCESS, Edmentum, and Career Tech resources to gain Microsoft certification , course credits, and other technology based certification Schools: Russell County High School, Russell County Middle School	Technology, Direct Instruction, Academic Support Program	10/01/2016	10/01/2019	\$15000	Title I Part A	Technology Director, Career Tech Director, At Risk Director

Alabama Technology Plan

Russell County School System

Activity - Digital Learning	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will use various multimedia technology digital tools to create instructional products. Schools: All Schools	Technology, Direct Instruction, Academic Support Program	10/01/2016	10/01/2019	\$0	District Funding	Administrators, Teachers, Technology Director

Goal 2: Engage and Empower the Learner through Technology

Measurable Objective 1:

demonstrate a proficiency using standards based digital media to learn and communicate real world applications by 05/01/2019 as measured by final products/performances that demonstrate mastery of state course of study standards and classroom student observations.

Strategy 1:

Standards Based Instruction via Technology - The district will encourage the use of technology as an instructional tool using district provided resources such as Edmentum, Google Apps, Microsoft Office Suites, to enhance student work and to differentiate classroom instruction.

Category: Develop/Implement College and Career Ready Standards

Activity - Secondary Online Classes and Certification	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students take online classes using ACCESS, Edmentum, and Career Tech resources to gain Microsoft certification, course credits, and other technology based certifications. Schools: Russell County High School, Russell County Middle School	Technology	10/01/2016	10/01/2019	\$0	Career and Technical Education Funds	Career Tech and Technology Directors and principals of secondary schools

Activity - Elementary Digital Based Learning	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will use various multi media/technology such as Ipads, tablets, smart boards, computers, clickers, slate boards and document cameras to enhance their engagement and ability to learn Schools: Ladonia Elementary School, Mount Olive Primary School, Mount Olive Intermediate School, Dixie Elementary School, Oliver Elementary School	Technology	10/01/2016	10/01/2019	\$0	No Funding Required	Administrators, Teachers, Federal Programs, Technology Director

Strategy 2:

Demonstrate Proficiency with Digital Tools - With the use of many Digital resources such as Google Apps for Education and Edmentum

Category: Develop/Implement College and Career Ready Standards

Alabama Technology Plan

Russell County School System

Activity - Shared Resources Collaboration	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will collaborate and share their projects using digital tools such as google classroom, google sheets and google docs Schools: All Schools	Technology	08/01/2017	01/01/2019	\$0	No Funding Required	Directors, Principals, Technology Department, faculty and teachers

Strategy 3:

Digital Citizenship - Students will be provided an appropriate learning module that explains the legal safe and ethical practices related to technology.

Category: Develop/Implement College and Career Ready Standards

Activity - Digital Citizenship Assessment	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students will be evaluated by formal and informal assessments such as but not limited to a quiz Schools: All Schools	Technology	11/09/2017	03/01/2019	\$0	No Funding Required	Directors, Principals, Technology Department, faculty and teachers

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 develop and implement a support strategy for the maintenance of existing systems, replacement of out of date systems, and continued improvement of wireless access by 10/01/2019 as measured by Transform 2020 survey and inventory needs assessment..

Strategy 1:

Maintain and Upgrade Systems - The district will monitor existing equipment to determine support needs and upgrades required to meet increased demands of the learning environment.

Category: Other - Technology Infrastructure

Activity - Upgrade Wireless System	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Alabama Technology Plan

Russell County School System

Upgrade wireless infrastructure to a robust and functional system that will provided 100% WIFI network coverage to every classroom. Schools: All Schools	Technology	06/01/2017	04/01/2018	\$5000	District Funding	Technology Department
Activity - Replacement of Network Back Up System	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Replace back up system to ensure that all district data is routinely and securely backed up to cloud services facilitating decreased system down times and improving teacher accessibility Schools: All Schools	Technology	10/01/2016	01/01/2017	\$0	District Funding	Technology Department
Activity - Inventory existing equipment regardless of funding sources	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Currently, very few departments and schools maintain an up to date inventory system. Schools: All Schools	Technology	10/01/2016	10/01/2019	\$0	District Funding	Technology Department, Principals, Directors
Activity - Create a Technology Needs Assessment	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Identify student's and teacher's needs as related to instructional concerns Schools: All Schools	Technology	10/01/2016	10/01/2019	\$0	District Funding	Technology Department, Building principals, Directors
Activity - Develop Five year projection plan	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Based on data, create a 3 year projection plan to create technology equality in the district. Schools: All Schools	Technology	10/01/2016	10/01/2019	\$0	District Funding	Technology Committee and Technology Dept.
Activity - Develop a technology replacement plan	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Evaluate current inventory and needs assessment to replace out of date or disabled equipment Schools: All Schools	Technology	10/01/2016	10/01/2019	\$0	District Funding	Technology Department
Activity - Bandwidth Upgrade	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

Alabama Technology Plan

Russell County School System

Upgrade Internet Bandwidth from 250MB to 500MB Schools: All Schools	Technology	09/01/2017	12/31/2017	\$0	Other	Technology Director
Activity - Replace Switches	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Replace 100MB switches with 1GB to handle increased bandwidth at school / building sites throughout the district Schools: All Schools	Technology	10/01/2016	08/01/2017	\$0	USAC Technology	Technology Director
Activity - Core Network move	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
We are currently in the process of moving the core of our network from our high school to the technology office. With this move ATT had to install new fiber to the technology office Schools: All Schools	Technology	07/01/2017	11/21/2017	\$2700	General Fund	Technology Director
Activity - VOIP Carrier service change	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Switching From a true copper PRI circuit to a fiber IPFlex sip trunk Schools: All Schools	Technology	07/01/2017	01/01/2018	\$0	No Funding Required	Technology Director

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

Career and Technical Education Funds

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Secondary Online Classes and Certification	Students take online classes using ACCESS, Edmentum, and Career Tech resources to gain Microsoft certification, course credits, and other technology based certifications.	Technology	10/01/2016	10/01/2019	\$0	Career Tech and Technology Directors and principals of secondary schools
Total					\$0	

Title II Part D

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
School provided technology professional development	School and district administrators will provide professional development as outlined by ACIP, technology needs assessment, and Transform 2020	Technology	10/01/2016	10/01/2019	\$5000	Director of Technology, Administrator s, District Technology Coach
Total					\$5000	

Other

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Bandwidth Upgrade	Upgrade Internet Bandwidth from 250MB to 500MB	Technology	09/01/2017	12/31/2017	\$0	Technology Director
New Teacher Training	At new teacher orientation, teachers will learn how to use digital management and instructional tools	Technology, Professional Learning	10/01/2016	10/01/2019	\$0	Superintendent; Technology Director; Principals; Director of Administrative Services

Alabama Technology Plan

Russell County School System

Total \$0

General Fund

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
School provided technology professional development	School and district administrators will provide professional development as outlined by ACIP, technology needs assessment, and Transform 2020	Technology	10/01/2016	10/01/2019	\$10000	Director of Technology, Administrators, District Technology Coach
Core Network move	We are currently in the process of moving the core of our network from our high school to the technology office. With this move ATT had to install new fiber to the technology office	Technology	07/01/2017	11/21/2017	\$2700	Technology Director
Total					\$12700	

District Funding

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Digital Learning	Students will use various multimedia technology digital tools to create instructional products.	Technology, Direct Instruction, Academic Support Program	10/01/2016	10/01/2019	\$0	Administrators, Teachers, Technology Director
Create a Technology Needs Assessment	Identify student's and teacher's needs as related to instructional concerns	Technology	10/01/2016	10/01/2019	\$0	Technology Department, Building principals, Directors
Replacement of Network Back Up System	Replace back up system to ensure that all district data is routinely and securely backed up to cloud services facilitating decreased system down times and improving teacher accessibility	Technology	10/01/2016	01/01/2017	\$0	Technology Department
Inventory existing equipment regardless of funding sources	Currently, very few departments and schools maintain an up to date inventory system.	Technology	10/01/2016	10/01/2019	\$0	Technology Department, Principals, Directors
Upgrade Wireless System	Upgrade wireless infrastructure to a robust and functional system that will provided 100% WIFI network coverage to every classroom.	Technology	06/01/2017	04/01/2018	\$5000	Technology Department

Alabama Technology Plan

Russell County School System

Develop Five year projection plan	Based on data, create a 3 year projection plan to create technology equality in the district.	Technology	10/01/2016	10/01/2019	\$0	Technology Committee and Technology Dept.
Develop a technology replacement plan	Evaluate current inventory and needs assessment to replace out of date or disabled equipment	Technology	10/01/2016	10/01/2019	\$0	Technology Department
Total					\$5000	

USAC Technology

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Replace Switches	Replace 100MB switches with 1GB to handle increased bandwidth at school / building sites throughout the district	Technology	10/01/2016	08/01/2017	\$0	Technology Director
Total					\$0	

No Funding Required

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
VOIP Carrier service change	Switching From a true copper PRI circuit to a fiber IPFlex sip trunk	Technology	07/01/2017	01/01/2018	\$0	Technology Director
Elementary Digital Based Learning	Students will use various multi media/technology such as Ipads, tablets, smart boards, computers, clickers, slate boards and document cameras to enhance their engagement and ability to learn	Technology	10/01/2016	10/01/2019	\$0	Administrators, Teachers, Federal Programs, Technology Director
Shared Resources Collaboration	Students will collaborate and share their projects using digital tools such as google classroom, google sheets and google docs	Technology	08/01/2017	01/01/2019	\$0	Directors, Principals, Technology Department, faculty and teachers
Digital Citizenship Assessment	Students will be evaluated by formal and informal assessments such as but not limited to a quiz	Technology	11/09/2017	03/01/2019	\$0	Directors, Principals, Technology Department, faculty and teachers
Total					\$0	

Title I Part A

Alabama Technology Plan

Russell County School System

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Online Classes and certification for students	Students will take online classes using ACCESS, Edmentum, and Career Tech resources to gain Microsoft certification , course credits, and other technology based certification	Technology, Direct Instruction, Academic Support Program	10/01/2016	10/01/2019	\$15000	Technology Director, Career Tech Director, At Risk Director
Total					\$15000	

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
School provided technology professional development	School and district administrators will provide professional development as outlined by ACIP, technology needs assessment, and Transform 2020	Technology	10/01/2016	10/01/2019	\$15000	Director of Technology, Administrators, District Technology Coach
Upgrade Wireless System	Upgrade wireless infrastructure to a robust and functional system that will provided 100% WIFI network coverage to every classroom.	Technology	06/01/2017	04/01/2018	\$5000	Technology Department
Replacement of Network Back Up System	Replace back up system to ensure that all district data is routinely and securely backed up to cloud services facilitating decreased system down times and improving teacher accessibility	Technology	10/01/2016	01/01/2017	\$0	Technology Department
New Teacher Training	At new teacher orientation, teachers will learn how to use digital management and instructional tools	Technology, Professional Learning	10/01/2016	10/01/2019	\$0	Superintendent; Technology Director; Principals; Director of Administrative Services
Digital Learning	Students will use various multimedia technology digital tools to create instructional products.	Technology, Direct Instruction, Academic Support Program	10/01/2016	10/01/2019	\$0	Administrators, Teachers, Technology Director
Inventory existing equipment regardless of funding sources	Currently, very few departments and schools maintain an up to date inventory system.	Technology	10/01/2016	10/01/2019	\$0	Technology Department, Principals, Directors
Create a Technology Needs Assessment	Identify student's and teacher's needs as related to instructional concerns	Technology	10/01/2016	10/01/2019	\$0	Technology Department, Building principals, Directors

Alabama Technology Plan

Russell County School System

Develop Five year projection plan	Based on data, create a 3 year projection plan to create technology equality in the district.	Technology	10/01/2016	10/01/2019	\$0	Technology Committee and Technology Dept.
Develop a technology replacement plan	Evaluate current inventory and needs assessment to replace out of date or disabled equipment	Technology	10/01/2016	10/01/2019	\$0	Technology Department
Bandwidth Upgrade	Upgrade Internet Bandwidth from 250MB to 500MB	Technology	09/01/2017	12/31/2017	\$0	Technology Director
Replace Switches	Replace 100MB switches with 1GB to handle increased bandwidth at school / building sites throughout the district	Technology	10/01/2016	08/01/2017	\$0	Technology Director
Shared Resources Collaboration	Students will collaborate and share their projects using digital tools such as google classroom, google sheets and google docs	Technology	08/01/2017	01/01/2019	\$0	Directors, Principals, Technology Department, faculty and teachers
Digital Citizenship Assessment	Students will be evaluated by formal and informal assessments such as but not limited to a quiz	Technology	11/09/2017	03/01/2019	\$0	Directors, Principals, Technology Department, faculty and teachers
Core Network move	We are currently in the process of moving the core of our network from our high school to the technology office. With this move ATT had to install new fiber to the technology office	Technology	07/01/2017	11/21/2017	\$2700	Technology Director
VOIP Carrier service change	Switching From a true copper PRI currcuit to a fiber IPFlex sip trunk	Technology	07/01/2017	01/01/2018	\$0	Technology Director
Total					\$22700	

Russell County Middle School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Secondary Online Classes and Certification	Students take online classes using ACCESS, Edmentum, and Career Tech resources to gain Microsoft certification, course credits, and other technology based certifications.	Technology	10/01/2016	10/01/2019	\$0	Career Tech and Technology Directors and principals of secondary schools

Alabama Technology Plan

Russell County School System

Online Classes and certification for students	Students will take online classes using ACCESS, Edmentum, and Career Tech resources to gain Microsoft certification , course credits, and other technology based certification	Technology, Direct Instruction, Academic Support Program	10/01/2016	10/01/2019	\$15000	Technology Director, Career Tech Director, At Risk Director
Total					\$15000	

Russell County High School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Secondary Online Classes and Certification	Students take online classes using ACCESS, Edmentum, and Career Tech resources to gain Microsoft certification, course credits, and other technology based certifications.	Technology	10/01/2016	10/01/2019	\$0	Career Tech and Technology Directors and principals of secondary schools
Online Classes and certification for students	Students will take online classes using ACCESS, Edmentum, and Career Tech resources to gain Microsoft certification , course credits, and other technology based certification	Technology, Direct Instruction, Academic Support Program	10/01/2016	10/01/2019	\$15000	Technology Director, Career Tech Director, At Risk Director
Total					\$15000	

Oliver Elementary School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Elementary Digital Based Learning	Students will use various multi media/technology such as Ipads, tablets, smart boards, computers, clickers, slate boards and document cameras to enhance their engagement and ability to learn	Technology	10/01/2016	10/01/2019	\$0	Administrators, Teachers, Federal Programs, Technology Director
Total					\$0	

Mount Olive Primary School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
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Alabama Technology Plan

Russell County School System

Elementary Digital Based Learning	Students will use various multi media/technology such as lpads, tablets, smart boards, computers, clickers, slate boards and document cameras to enhance their engagement and ability to learn	Technology	10/01/2016	10/01/2019	\$0	Administrator s, Teachers, Federal Programs, Technology Director
Total					\$0	

Mount Olive Intermediate School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Elementary Digital Based Learning	Students will use various multi media/technology such as lpads, tablets, smart boards, computers, clickers, slate boards and document cameras to enhance their engagement and ability to learn	Technology	10/01/2016	10/01/2019	\$0	Administrator s, Teachers, Federal Programs, Technology Director
Total					\$0	

Ladonia Elementary School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Elementary Digital Based Learning	Students will use various multi media/technology such as lpads, tablets, smart boards, computers, clickers, slate boards and document cameras to enhance their engagement and ability to learn	Technology	10/01/2016	10/01/2019	\$0	Administrator s, Teachers, Federal Programs, Technology Director
Total					\$0	

Dixie Elementary School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Elementary Digital Based Learning	Students will use various multi media/technology such as lpads, tablets, smart boards, computers, clickers, slate boards and document cameras to enhance their engagement and ability to learn	Technology	10/01/2016	10/01/2019	\$0	Administrator s, Teachers, Federal Programs, Technology Director
Total					\$0	