



# **Alabama Technology Plan**

Rosalie Elementary School

Jackson County Board of Education

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# Executive Summary

## **Introduction**

Every school has its own story to tell. The context in which teaching and learning takes place influences the processes and procedures by which the school makes decisions around curriculum, instruction, and assessment. The context also impacts the way a school 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, and the kinds of programs and services that a school implements to support student learning.

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

## Description of the School

**Describe the school'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 serves?**

Rosalie is a K-8 school set in a small, rural community on the northern side of Sand Mountain between the Pisgah and Flat Rock communities. Rosalie School has an average attendance of 184 students. The vast majority of the student population at Rosalie School identify as Caucasian, making up the largest segment of the student body. Males outnumber females at Rosalie School. The majority of students are considered at or below poverty level. As a result, Rosalie has qualified for a program that provides free breakfast and lunch to all students. The effects of poverty is one of the greatest challenges facing Rosalie School and the Rosalie community.

The school is the hub of a small community. Rosalie receives support from the Rosalie Community Club and local churches. Although Rosalie has experienced devastation more than once from tornadoes, the community has held together and strengthened in the midst of tragedy. The Rosalie community continues to rebuild (churches, stores, homes, etc.) after the latest tornado damage.

Rosalie's most important goal is to maintain academic excellence. Classroom teachers participate in professional development each year to continually improve teaching methods. Our full-time reading specialist trains and assists teachers to meet the diverse needs of all students. Rosalie faculty holds the following degrees: Bachelor's (5), Master's (9), and Ed. S. (2). Every teacher at Rosalie is considered to highly qualified.

## **School's Purpose**

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

Rosalie Elementary School Purpose:

At Rosalie Elementary School, our purpose is to prepare our students for high school and beyond. We feel it is our duty to instill in our students not only a strong academic foundation, but a positive self-image and to bring forth a sense of preparedness so that our students will be able to contend with any challenge, come what may.

Rosalie Elementary School Mission:

"Taking pride in all we do"

Rosalie Elementary School Beliefs:

We believe all students can learn and achieve.

We believe mastery of basic skills is a priority.

We believe a challenging curriculum is important.

We believe an effective education requires active participation and cooperation from students, family, staff and community.

We believe our students should come first.

We believe our students should be able to attend a school that is safe, orderly, and attractive.

We believe the environment at our school should provide students the opportunity to learn, have fun, and be challenged.

We believe all students should be given the opportunity to learn from a highly educated and caring teacher.

We believe every employee should model moralistic behavior, a strong work ethic, and a commitment to academic achievement.

We believe all students should be taught the value of work, and should take ownership of their education.

We believe student assessment is directly linked to school assessment.

## Notable Achievements and Areas of Improvement

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

### Notable Achievements

Over the last three years, Rosalie School has undergone several improvements to enhance learning opportunities for our students, to improve the physical appearance of our campus, and to ensure the safety of students and faculty.

We have implemented the Eureka Math program, close reading and writing strategies, STEAM/STEM, and grades 5-8 have started a Robotics program. We have also implemented an Advocacy Program designed to provide our students with academic, social, and emotional support.

Our computer lab has increased the number of computers, desktop and laptop, available for student use. In addition, a new laptop cart has been purchased to store and charge laptops.

Improvements to the physical appearance of the school include the completion of the new foyer entrance to the old gym. Both gyms have improved floors. The old gym was completely redone and sealant was added to the new gym floor.

Improvements to ensure safety include our new drop-off and pick-up policy. Buses load and unload at the main entrance of the building. Parents now remain in their vehicles and drive on a designated road for student drop-off or pick-up. Student drop-off and pick-up are supervised by school faculty and staff.

### In Need of Improvement

According to 2017 ACT Aspire results, all subjects except writing and English showed a drop in student performance compared to 2016 Aspire results. Reading scores went from 40% in 2016 to 34% in 2017. Science scores went from 40% in 2016 to 34% in 2017. Math scores went from 49% in 2016 to 42% in 2017. We will continue to make improved test scores in all areas a top priority by following the goals and objectives outlined in the Continuous Improvement Plan.

Another area in need of improvement continues to be our stakeholder involvement. This area has consistently been a weakness according to stakeholder surveys and we are continuously looking for ways to improve stakeholder communication. The school website has been updated to a new, dynamic interface and will utilize the district mass notification. Teachers are also encouraged to utilize social media and classroom notification systems to keep parents informed and involved in their child's education.



## **Additional Information**

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

Rosalie School will strive to continue to provide our students with a caring and safe environment. We also strive to reflect the positive climate, morale, and standards of excellence that the public expects. Faculty and staff are committed to providing a quality education for all students in an inviting, nurturing and safe environment. The school celebrates successes by providing students with memorable events that encourage the love of learning. The building itself has become more aesthetically appealing inside and out through the addition of the new drive through awning and students' work displayed on the hall walls. School-wide thematic decorations are placed in the hallways to create a kid-friendly, academic atmosphere. The school provides a comfortable setting that is welcoming and parent-friendly.

# **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.**

A variety of stakeholders were involved in developing the improvement plan. Rosalie's organizational structure ensures that employees have a voice in improvement initiatives. The School Improvement Team includes at least one parent, teacher, administrator, community member, and student representative. School Improvement team members will serve for a minimum two year term. Team members meet as necessary as well as attending School Improvement workshop sessions throughout the year. Parents, students and staff give input on yearly surveys to determine their perception of our school and our successes. We examine this data as part of the school improvement process to identify areas which need improvement. Staff members and administrator also analyze a variety of assessment data to determine which areas of instruction need improvement. The same School Improvement Team members were used to develop the ACIP and the Technology Plan for Rosalie School.

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

The Leadership team is comprised of representatives from the school and community. The Leadership Team worked to develop the A-CIP and the Technology Plan. Team members include representatives from the school administration and faculty, student and parent population, and community. The principal and faculty members organized stakeholder meetings to discuss and analyze parent, student, and community survey responses.

The committee members:

- \*Bill Shelton- Principal
- \*Amy Shankles - Chairperson of Committee/Media Specialist
- \*Stephani Wagener - Counselor
- \*Debbie McRae - District School Improvement Specialist
- \*Lindsay Reeves - Technology Representative/Mathematics Teacher
- \*Alaina Moore - Instructional Coach
- \*Chante Starkey - Special Education/Resource Teacher
- \*Becky Hammonds - Gr. K-2 Teacher Representative
- \*Shannon Moore - Gr. 3-5 Teacher Representative
- \*Tissia Griffith- Gr. 6-8 Teacher Representative
- \*Mary Carter - Community Representative
- \*Victoria Cole- Student Representative
- \*Austin Griffis- Student Representative
- \*Patricia Gann - Parent Representative

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

Copies of the plan are available in the office and can be accessed through the Jackson County Schools District website at [www.jackson12.org](http://www.jackson12.org) as well as the school website at [www.jackson12.org/rosalie](http://www.jackson12.org/rosalie).

# 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
- 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
- State Government Regulations
- Student Achievement Data
- Technology Plan Surveys (\*Required)



## Needs Assessment

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

Strengths:

1. Fast and easy access to the network

Data Source: Network traffic analysis reports, Infrastructure Inventory, Transform 2020 Teacher Survey, Focus group responses, Mileage records

Results: Schools connect to the network at a speed of 1GB, and connectivity at the IT Center is 10G. The district provides 9 managed, virtual networks (VLANs) at each location. These are: Data, Financial, Voice, Video Teleconferencing, IT Management, Security, Digital Signage, Employee Access, and Public Access. All VLANs and wireless access is filtered and monitored. Access to each is controlled by access control lists (ACLs) on the routers and by RADIUS servers. The wiring is fiber to the classroom, and network equipment is sufficient to support current use. 88% of the teachers responding to the Transform 2020 Survey indicate that they utilize the district network in their classroom. The district has a Bring Your Own Device Policy and the Public Access Network has sufficient bandwidth to support it. The network infrastructure is sufficient for current usage and its architecture will allow easy expansion as usage grows. The network functions efficiently due to a monitoring system that alerts network administrators if a monitored item malfunctions or has an issue whether it is a device or service. Bandwidth monitoring allows network administrators to maintain network speed and resources as needed. An online, ticket-based help-desk system is maintained to track and resolve issues in a timely manner. The deployment of a remote assistance program to all computers and servers allows a faster response time, and remote management results in financial savings in this geographically large district.

2. A multi-functional Internet portal customized for each school

Data Source: Focus Groups, Comprehensive Monitoring Report, Transform 2020 Teacher Survey

Results: The portal, which received a commendation on a state Comprehensive Monitoring Report, allows entry to the Internet and specialized links for district personnel and students. It also contains embedded programs that allow teachers and administrators to access an extensive helpdesk for obtaining technological information, submit repair tickets, track repairs, and check out equipment. There is a section for counselors where they can complete tasks like registering students for summer Credit Recovery and career technical programs. There are also specialized sections for administrators and teachers.

3. State-of-the Art Facility for the Information Technology Center with Disaster Maintenance and Recovery Capability

Data Source: Inventory, Data Records, Network Monitoring Data

Results: The school district constructed a new building in 2014 which doubled the size of the facilities available for the IT program. The old IT building is now a warehouse/storage facility, and the essential functions of the IT program are housed in a 50x60 building that has been specifically built for housing the Data Center of the Jackson County School District. The server room has raised flooring for ease of cable  
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management and air flow from the Computer Room Air Conditioning Unit (CRAC) that has the capability to maintain set temperature and humidity. Sensors are placed above and below flooring to monitor multiple informational points. The server room is also continuously provided power during a power outage by a battery backup unit that can hold until the generator powers up. The generator is fueled by natural gas so it has the capacity to run until fuel is shut off. The 130KW generator has the ability to provide power to not only the servers but also the CRAC unit so systems can remain functional during power outages. Since the Data Center is the hub of all network related services for the District; this ensures that the District can maintain functionality during power events. In addition, data is backed up on-site at the IT Center and off-site at three locations in other parts of the district. An additional back-up system for InformationNow data is provided by Chalkable.

Needs:

1. Additional technicians

Data Sources: Inventory reports, The Alabama Technology Plan, Transform 2020 Survey

Results: An IT staff of three (with one non-technical helper) support almost 6000 computers and tablet devices in classrooms, 165 computers in offices, 39 computers in cafeterias, 50 servers, 667 switches, 350 wireless arrays, 22 routers, 425 networked security cameras, a Voice Over IP system with 686 digital phones, 102 networked printers, 16 Video conferencing systems with IP addresses provided, 393 interactive whiteboards, and 132 Apple TV connectors. They manage multiple networks including security and filtering. They also manage and maintain data for instructional, media center, financial, administrative, and cafeteria software programs. They provide technical support for over 800 employees and almost 5400 students. Their expertise in network management and remote functionality in addition to their strong work ethic has made it possible to build and maintain such a complex network. As the district adds a significant number of end user devices to the network, additional technicians will be necessary to maintain those devices.

2. Replacement of end-of life equipment

Data Sources: Inventory reports, Network traffic analysis reports, ALSDE testing requirements

Results: The district's network is functioning at a high level to support the current number of digital devices. Additional wireless arrays were added during the 2015-2016 school year as the final step in upgrading the network to handle an infusion of mobile devices for a one-to-one initiative. Now core switches installed 10 years ago are reaching end-of-life. In order to keep the network functioning at its newly achieved capacity, funding for equipment replacement must become the priority.

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

Strength:

1. The increased availability of technology tools for teachers

Data Source: Inventory, Transform 2020 Teacher Surveys, Focus Groups, Informal District Surveys

Results: Over 1600 iPads have been added to the district's inventory over the last 5 years. 100% of the K-4 classrooms have iPads for small group work and centers. 100% of principals and teachers have iPads in addition to their desktop computers which were replaced in 2014. Apple TV connectors, devices which allow teachers to wirelessly display the content on their iPads a television screen, are located in 132 classrooms. 78% of Rosalie classrooms contain interactive whiteboards.

Needs:

1. Replacements for aging computers and analog monitors

Data Source: Inventory, Focus Groups

Results: 400 inadequate desktop computers and over 100 analog monitors remain in classrooms, labs, or media centers.

2. The need to purchase mobile devices to reach a 1:1 initiative

Data Source: Inventory, Transform 2020 Teacher Survey, Focus Groups

Results: The student to device ratio for the district indicates that the student to computer ratio for the district is 1 to .98. This appears to be very close to a 1:1 ratio. However, this ratio is misleading. The classroom computers are stationary computers and numbers range from one to six computers in most classrooms which means they cannot be moved and grouped as needed for whole class use. In addition, the inventory includes both desktop and laptop computers purchased through federal funding for 21st Century Community Learning Centers. Several schools with these programs appear to have a one-to-one ratio, but in reality, federal regulations do not allow use of these computers during the regular school day. Therefore, only 36% of the teachers responding to the Transform 2020 Survey report that they have sufficient digital devices to effectively integrate technology into their teaching.

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

Strengths:

1. The extensive development and use of Moodle courses to support content in academic courses and to provide Credit Recovery

Data Source: Comprehensive Monitoring Report, Focus Groups, Moodle enrollment records and course counts

Results: The high quality of the Moodle site and its high level of implementation earned the district a commendation on a Comprehensive Monitoring Report. The Open Source Course Management System is used to augment-face-to-face courses (blended learning) and for fully online courses. Each school has a site for building courses, and there is a course sharing site for teachers. Locally developed high school classes for credit recovery are also located in Moodle. Each course thoroughly addresses the state standards for the content area and contains appropriate assessments. A professional development section contains Moodle courses for teachers and administrators. A section for instructional support contains space for collaborative groups such as principals, instructional coaches, and counselors. Teachers use activity modules such as forums, databases and wikis to build collaborative communities around their subject

matter. There are over 2800 users on the district Moodle site.

2. The increasing availability and use of digital assessments, programs, applications, and learning activities

Data Source: Transform 2020 Teacher Survey, Software and applications review

Results: 79% of the teachers completing the survey indicate that they have sufficient access to online digital resources. 100% of the formative assessments used by the district to inform instruction are online. These online formative assessments are used for all in grades K-10 for reading and mathematics. Online benchmark assessments are used in K-6 for reading benchmark assessments. Students in grades K-6 have access to SuccessNet by Pearson in both reading and mathematics. The district uses GradPoint, an online program, for credit recovery in addition to Moodle. The English Learner program uses Rosetta Stone to support students learning English as a second language. Teachers in grades K-5 use iPads with appropriate apps for small groups and centers.

Needs:

1. Additional digital devices to support instruction by putting the tools in the hands of all students (1:1 initiative)

Data Source: Inventory reports, Transform 2020 Teacher Surveys

Results: The student to device ratio for the district indicates that the district is close to a 1:1 initiative. However, the stationary nature of the majority of these computers and the inaccessibility of federally funded computers purchased for after-school programs limits the availability of the devices. Teachers must take students to a computer lab when all students need access to a computer, and computer labs are shared among classes a fact which also limits availability. Therefore, only 36% of the teachers responding to the survey report that they have sufficient digital devices to effectively integrate technology into their teaching.

2. Additional software programs to meet the needs of all students

Data Source: Focus Groups

The district has not been able to provide software/online licensing for programs that meet some student needs. These include technology programs and software which would help students prepare for the ACT with Writing.

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

Strength:

1. A strong cadre of teachers exists who model the use of technology and possess the ability to take a leadership role in developing the technology skills of others

Data Source: Transform 2020 Teacher Survey, STI PD, Focus Groups

Results: 64% of the teachers responding to the Transform 2020 Teacher Survey report that they routinely or frequently exhibit leadership by demonstrating a vision of technology infusion, participating in shared decision making and community building, and developing the leadership and technology skills of others. The leadership roles taken by Jackson County teachers in the development of the technology skills of others is affirmed by the large number of personnel who have participated in an instructor role for professional learning as documented by STI Professional Development records. These leaders include the school Technology Coaches who are full time teachers dedicated to the advancement of educational technology; Instructional Coaches; Media Specialists; and classroom teachers who demonstrate outstanding use of technology.

Needs:

1. Ongoing professional learning for teachers and leaders on developing lesson plans that promote active engagement and project-based activities using digital devices to address the Alabama College and Career Ready Standards

Data Source: Alabama State Technology Plan, Transform 2020 Teacher Survey, the Technology portion of the Equitable Learning Environment Observation Tool (eleot™)

Results: Although numerous professional development opportunities have been offered concerning active engagement and project-based learning, the findings of the Equitable Learning Environment and the results of the Transform 2020 Teacher Survey indicate that implementation of such strategies is slow. The Transform 2020 score of 1.66 reveals that teachers are not rating themselves well in this area. The mind set exists that every student must have a computer in order to accomplish the desired purpose. This becomes apparent when teachers indicate in the same survey they do not have enough computer access for students. The responses indicate that many teachers do not have the concept of active engagement and collaborations that is desired by the school district. The district must continue to support teachers with professional development to reinforce the concept and to build the skills necessary to accomplish the task.

2. Ongoing professional learning for teachers, leaders, and staff which results in the greater utilization of the digital resources and technology tools already available to schools.

Data Source: Transform 2020 Teacher Survey, Inventory, Focus Groups

Results: While 78% of classrooms contain interactive whiteboards, and teacher surveys and classroom observations reveal that they are not all in use. Only 10% report that they let students use it. Therefore, there is a need for professional development to help teachers make their interactive white board an instructional tool which may be used by students.

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

Strength:

1. The increasingly effective use of technology by classroom teachers

Data Source: Transform 2020 Teacher Survey

Results: The Transform 2020 shows an upward trend for using digital games and interactive applications, digital projector, interactive whiteboards, and Apple TVs (connectors). Teachers show an increasing interest in classroom engagement and providing opportunities for solving real-world problems using digital tools and resources. 93% customize learning activities using digital tools and resources. Over 93% of the teachers indicate that they model and facilitate effective use of current and emerging digital tools to locate, analyze, evaluate and use information resources to support research and learning; advocate, model, and teach safe, legal, and ethical use of digital information and technology; model creative and innovative thinking and inventiveness using digital resources and tools; and believe they contribute to the overall effectiveness of the teaching profession, their school, and their community by modeling the use of digital resources and tools.

Needs:

1. The replacement of technology tools for teachers

Data Source: Inventory, Transform 2020 Teacher Survey, Focus Groups, Informal School Surveys

Results: While a small percentage of teachers still do not have all the technology tools that they desire, another need is making itself known. The equipment first placed into classrooms is aging and some have begun to fail. Digital projectors are most at risk. A majority of digital projectors and whiteboards were purchased with competitive grants and federal funds that were once available for technology. Those resources are no longer available, and district funds are now being directed toward a 1:1 initiative. The limited nature of those funds require that a 1:1 initiative be phased in over several years. Therefore, it will become impossible to keep pace with the demise of the technology tools now located in classrooms. In addition, teacher iPads are five years old. Replacement is planned after the fifth year. Funding for replacement is limited.

2. The need to purchase mobile devices to reach a 1:1 initiative

Data Sources: Inventory, Transform 2020 Teacher Survey, Focus Groups

Results: Only 36% of the teachers responding to the survey report that they have sufficient digital devices to effectively integrate technology into their teaching. Teachers need the devices to use with students in order to increase the use of technology and implement the type of instruction desired. It is difficult for the district to support online summative assessment as desired by the Alabama State Department of Education because there are not enough digital devices in its inventory.

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

Strength:

1. The increased fluency shown by teachers in using digital productivity tools

Data Source: Transform 2020 Teacher Surveys, STI INow records, Moodle records,

Results: 71% of teachers self-report that they demonstrate fluency in technology use and transferring that knowledge to new technologies and situations. 100% of teachers of core courses use the digital grade book functions in Chalkable InformationNow efficiently. 100% of the teachers are able to complete digital lesson plans, 100% of the teachers use email, and 100% use a desktop computer. 100% of the district teachers demonstrate that they use the Internet.

Need:

1. Replacements for teacher iPads

Data Source: Inventory

Results: Over 400 teacher iPads will need to be replaced at the end of the 2017-2018 school year.

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

Strengths:

1. The use of technology by school leaders as a management tool and productivity tool

Data Source: Transform 2020 Administrators Survey, Inventory, STI Information Now, STI Professional Development, Educate Alabama, Lead Alabama

Results: The school district provides administrators with Smart Phones. 100% of the principals use smart phones to maintain communications with their schools and the central office via email, text messages and phone calls while away from the school and to communicate with fellow administrators. 100% of the principals utilize a bank of monitors displaying the real-time video from security cameras which are strategically placed in their schools as a safety measure. 100% of the principals monitor digital lesson plans. 100% of the principals have mobile devices which are used to access a collaborative Principal Moodle site on which the agenda and documents for Principals' Meetings are posted making those meeting as paperless as possible. 100% of the principals are comfortable using management software programs to complete tasks such as recording discipline (Chalkable INow), completing eligibility reports (C2C), evaluating teachers (Educate Alabama), approving professional development (Chalkable PD), and completing their own professional development plans (LEAD Alabama). 100% of the administrators completing the Transform 2020 survey indicate that they routinely or frequently use technology tools and resources and collaborate with others to collect and analyze data, interpret results, and share findings to improve staff performance and student learning. 100% of the principals and assistant principals are trained in the use of the Effective Learning Environment Observation Tool (eleot™), an online classroom observation tool which is administered using an iPad and which aggregates observations into a school-wide assessment.

2. Principal support of instructional technology

Data Source: Transform 2020 Teacher Surveys, Transform 2020 Administrator Survey, Inventory

Results: 100% of principals report that they routinely or frequently show their support for effective instructional practice by modeling the use of technologies for their staff and other leaders. 100% of the school leaders report that they ensure equitable access to appropriate digital tools and resources to meet the needs of learners. Teachers completing the Transform 2020 survey affirms that the principals in the school district support and promote integrating digital resources and tools in the classroom in their role as instructional leader. The technology inventory reflects the financial commitment by principals by documenting resources purchased at local schools.

Need:

1. Ongoing professional development in evaluating the use of technology to provide project-based, authentic learning that supports the Alabama College and Career Ready Standards

Data: Focus Group, Transform 2020 Administrator Survey

Results: 100% of Administrators indicate an interest in learning more about implementing a school-wide project-based/authentic learning in their schools.

**Identify the top 1-3 areas of need associated with other technology program areas. Identify the data sources and actual data results that led you to conclude that these are areas of strength and need.**

Strength:

1. The increased availability of communication tools to reach students, parents, and the community

Data Source: Inventory, Network traffic analysis, Focus Groups, Moodle statistics

Results: Moodle is available to all students and staff, guest access is also available. Student email is available for all students. Websites, social media platforms, and mass notification software are in use at all schools and the district. These systems are used to inform parents and community. A VOIP system supports a phone in every classroom, office, lab, gym, and other spaces occupied by students and personnel. The system allows instant communication between schools and between classrooms and school offices.

2. The use of technology for safety and security

Data Source: Inventory, Network traffic analysis, Focus Groups

Results: The VOIP system described above facilitates the rapid dissemination of information during an emergency. A security camera system that runs on the network utilizes cameras which can be accessed from any computer. The camera system, put in by the school district preceded Virtual Alabama, but it became an early part of that project. Its purpose is to allow law enforcement personnel to "see" what is going on inside of a school in an extreme emergency.

Need:

1. Continued enhancement for the district website and the school websites



Data Source: Observations, the Results of Parent Surveys

Results: Parent and community involvement is an area that can be improved. While the district has multiple methods of communication, they can be improved to engage parents. Continued improvement of schools and district websites to provide current, relevant information is in progress. Training for administrators on utilizing the mass notification system is needed.

## **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.**

Topic: Managing Successmaker Software

Delivery Method: Face to Face

Time: 1 Hour

Attendees: New Teachers

Presenters: Reading Specialists

Topic: Using Successmaker as an Intervention Strategy

Delivery Method: Face to Face

Time: 1 hour

Attendees: New Teachers

Presenters: Reading Specialists

Topic: Global Scholar Performance Series Initial Training

Delivery Method: Face to Face

Time: 3 hours

Attendees: School Administrators, Reading Coaches, Building Test Coordinators

Presenters: Scantron Representative

Topic: Global Scholar Performance Series Initial Turnaround Training

Delivery Method: Face to Face

Time: 1 hour

Attendees: Teachers

Presenters: Reading Specialists, Building Test Coordinators

Topic: Global Scholar Performance Series Reports and Achievement Series Training

Delivery Method: Face to Face

Time: 3 hours

Attendees: School Administrators, Reading Coaches, Building Test Coordinators

Presenters: Scantron Representative

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Topic: Global Scholar Performance Series Reports and Achievement Series Training

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Delivery Method: Face to Face

Time: 3 hours

Attendees: Teachers

Presenters: Reading Specialists, Building Test Coordinators

Topic: Gains Analysis Training

Delivery Method: Face to Face

Time: 3 hours

Attendees: School Administrators, Reading Coaches

Presenters: Scantron Representative

Topic: Gains Analysis Training

Delivery Method: Face to Face

Time: 3 hours

Attendees: Teachers

Presenters: Reading Specialists, Building Test Coordinators

Topic: Website Turnaround Training

Delivery Method: Face to Face

Time: 1 hour

Attendees: Teachers

Presenters: School Webmasters

Topic: Google Apps for Education Training / Google Classroom

Delivery Method: Face to Face

Time: 6 hours

Attendees: Tech Coaches, Assistant Principals, District Personnel

Presenters: Google Level II Certified Presenter

Topic: Google Apps for Education Training / Google Classroom Turn Around Training

Delivery Method: Face to Face

Time: 5 hours cumulative

Attendees:, Teachers, School Administrative Personnel

Presenters: Tech Coaches, Assistant Principals

Topic: District Technology Ed Camp

## Alabama Technology Plan

Rosalie Elementary School

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Delivery Method: Face to Face

Time: 6 hours

Attendees: Teachers, Administrative Personnel

Presenters: Technology Coaches, Teachers, Administrators

Topic: Class Flow Update Transition Training

Delivery Method: Face to Face

Time: 1 hour

Attendees: Teachers

Presenters: Technology Coaches

Topic: 4-8 AMSTI Training

Delivery Method: Face to Face

Time: 18 hours

Attendees: 4-8 Science Teachers

Presenters: AMSTI Representatives

## Accountability Questions

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:

Engage and Empower the Learner Through Technology

### Measurable Objective 1:

85% of Third, Fourth, Fifth, Sixth, Seventh and Eighth grade students will demonstrate a proficiency in using digital tools, individually and collaboratively, in and out of the classroom, to gather, organize, evaluate, and share and present information in Social Studies, Science, and in English Language Arts by 05/01/2020 as measured by classroom observations using the Effective Learning Environment Observation Tool..

### Strategy1:

Provide Professional Development for Teachers on Using Digital Tools - Teachers will participate in workshops which focus on using digital tools to foster active, student-engagement, critical thinking, problem solving, and collaboration skills using technology.

Category: Develop/Implement Professional Learning and Support

Research Cited:

Activity - Website Turnaround Training	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
School webmasters will turn around the training from the summer website training for school personnel and equip teachers to use the new platform to enhance instruction.	Tutoring Professional Learning	07/17/2017	02/28/2018	\$0 - No Funding Required	Technology Coordinator, Curriculum Supervisor, Data and Accountability Coordinator, School Webmasters, School Administrators, Teachers

Activity - ActivInspire - Class Flow Update	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The IT Center along with Technology Coaches will oversee the update of ActivInspire to Classflow and Technology Coaches will provide professional development as needed to teachers insuring a smooth transition.	Professional Learning Technology	11/15/2017	05/28/2018	\$0 - No Funding Required	Curriculum Supervisor, Technology Coordinator, IT Center Personnel, Tech Coaches, School Administrators, Teachers

## Alabama Technology Plan

Rosalie Elementary School

Activity - Google Apps for Education Training	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The District will provide Google Apps for Education/Google Classroom training for school tech coaches and assistant principals. Tech Coaches will provide turnaround training at their schools.	Professional Learning Technology	10/27/2017	05/04/2018	\$0 - No Funding Required	Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers

Activity - District Technology Ed Camp	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The District will host a single day Technology Ed Camp at North Jackson High School that will be available to all teachers. School Technology Coaches along with other district personnel and outside agencies will present breakout sessions on selected technology topics.	Technology Professional Learning	01/03/2018	01/03/2018	\$0 - No Funding Required	Superintendent, Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers

### Measurable Objective 2:

80% of All Students will collaborate to complete authentic, multi-discipline projects annually to increase content knowledge and ensure the development of critical thinking, problem solving, and collaboration in Science, Technology, Engineering, and in Mathematics by 06/01/2020 as measured by project rubrics, lesson plans, and classroom observations..

### Strategy1:

Project-Based Learning - Professional Development will be provided for 4-8 science teachers on the new Alabama Science Standards and STEM projects.

Category: Develop/Implement Professional Learning and Support

Research Cited:

Activity - Professional Development for 4-8 Science Teachers	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Grade level workshops and workshops for secondary disciplines will be provided for teachers to address the development of multi-discipline lessons which use hands-on learning to construct knowledge and guide students in the application of content knowledge to solve real world (authentic) problems.	Professional Learning	07/01/2016	06/01/2018	\$0 - No Funding Required	Curriculum Coordinator, Principals, Teachers

### Strategy2:

Provide Professional Development for Teachers on Using Digital Tools - Teachers will participate in workshops which focus on using digital tools to foster active, student-engagement, critical thinking, problem solving, and collaboration skills using technology.

Category: Develop/Implement Professional Learning and Support

Research Cited:

## Alabama Technology Plan

Rosalie Elementary School

Activity - Website Turnaround Training	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
School webmasters will turn around the training from the summer website training for school personnel and equip teachers to use the new platform to enhance instruction.	Professional Learning Tutoring	07/17/2017	02/28/2018	\$0 - No Funding Required	Technology Coordinator, Curriculum Supervisor, Data and Accountability Coordinator, School Webmasters, School Administrators, Teachers

Activity - ActivInspire - Class Flow Update	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The IT Center along with Technology Coaches will oversee the update of ActiveInspire to Classflow and Technology Coaches will provide professional development as needed to teachers insuring a smooth transition.	Technology Professional Learning	11/15/2017	05/25/2018	\$0 - No Funding Required	Curriculum Supervisor, Technology Coordinator, IT Center Personnel, Tech Coaches, School Administrators, Teachers

Activity - District Technology Ed Camp	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The District will host a single day Technology Ed Camp at North Jackson High School that will be available to all teachers. School Technology Coaches along with other district personnel and outside agencies will present breakout sessions on selected technology topics.	Professional Learning Technology	01/03/2018	01/03/2018	\$0 - No Funding Required	Superintendent, Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers

Activity - Google Apps for Education Training	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The District will provide Google Apps for Education/Google Classroom training for school tech coaches and assistant principals. Tech Coaches will provide turnaround training at their schools.	Technology Professional Learning	10/27/2017	05/04/2018	\$0 - No Funding Required	Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers

### Measurable Objective 3:

85% of Kindergarten, First, Second, Third and Fourth grade Black or African-American, Economically Disadvantaged and Hispanic or Latino students will demonstrate a proficiency in using digital media to master Reading Foundational Skills in Reading by 05/01/2020 as measured by Scantron Performance Series and Achievement Series assessments..

### Strategy1:

Professional Development in the Use of SuccessMaker - The school district has purchased an online program, SuccessMaker, which is designed to help students build reading skills. Reading Specialists will participate in professional development on managing and SuccessMaker provided by a Pearson consultant. Reading Specialists will turn the training around for reading teachers in each school. A second workshop will be held to show teachers how to use the program to help struggling readers improve their reading skills.

Category: Develop/Implement Professional Learning and Support

Research Cited:

**Alabama Technology Plan**

Rosalie Elementary School

<b>Activity - Continued Training for Teachers on Using SuccessMaker to Help Struggling Readers for New Teachers</b>	<b>Activity Type</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Funding Amount &amp; Source</b>	<b>Staff Responsible</b>
Reading Specialists will provide training in each school for new K-6 teachers on using SuccessMaker to help struggling readers.	Professional Learning	08/09/2017	02/28/2020	\$0 - No Funding Required	Curriculum Coordinator, Reading Specialists, Teachers

<b>Activity - SuccessMaker Management Training for New Teachers</b>	<b>Activity Type</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Funding Amount &amp; Source</b>	<b>Staff Responsible</b>
The Reading Specialist at each school will provide professional development for teachers in grades K-6 on managing the SuccessMaker Program.	Professional Learning	08/09/2017	02/28/2020	\$0 - No Funding Required	Curriculum Coordinator, Reading Specialists, Teachers

**Strategy2:**

Accelerated Reading/Math - Technology money will be used to purchase Accelerated Reading and Accelerated Math.

Category: Develop/Implement College and Career Ready Standards

Research Cited:

<b>Activity - Purchasing Accelerated Reading/Math</b>	<b>Activity Type</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Funding Amount &amp; Source</b>	<b>Staff Responsible</b>
Technology money will be used to purchase Accelerated Reading and Accelerated Math in order to increase understanding of the College and Career Ready Standards.	Academic Support Program	10/01/2017	05/25/2018	\$2807 - State Funds	Budget Committee, Principal, Technology Coach

**Strategy3:**

Scantron Global Scholar Training - A representative from Scantron will present a series of workshops to train Reading Specialists, Building Test Coordinators, and Administrators on how to use the Performance Series Interface, how to use the Achievement Series Interface, and how to generate and interpret reports to inform instruction and analyze gains. School personnel will then participate in turn around training on the same topics.

Category: Develop/Implement Professional Learning and Support

Research Cited:

<b>Activity - Performance Series Reports and Achievement Series Training</b>	<b>Activity Type</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Funding Amount &amp; Source</b>	<b>Staff Responsible</b>
A Scantron Representative will train Reading Specialists, Building Test Coordinators, and Administrators on the use of Performance Series Reports and Achievement Series. Turn around training will be provided for school personnel.	Professional Learning	10/06/2017	05/28/2018	\$0 - No Funding Required	Curriculum Coordinator, Reading Specialists, Building Test Coordinators, Administrators, Teachers

<b>Activity - Performance Series Initial Training</b>	<b>Activity Type</b>	<b>Begin Date</b>	<b>End Date</b>	<b>Funding Amount &amp; Source</b>	<b>Staff Responsible</b>
A Scantron Representative will train Reading Specialists, Building Test Coordinators, and Administrators on the use of Performance Series. Turn around training will be provided for school personnel.	Technology Professional Learning	08/01/2017	09/29/2017	\$0 - No Funding Required	Curriculum Coordinator, Reading Specialists, Building Test Coordinators, Administrators, Teachers



Activity - Gains Analysis Training	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
A Scantron Representative will train Reading Specialists and Administrators on using reports for gains analysis. Turn around training will be provided for school personnel.	Professional Learning	01/11/2018	05/25/2018	\$0 - No Funding Required	Curriculum Coordinator, Reading Specialists, Administrators, Teachers

**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:**

Ensure that 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 adequate communication tools to ensure the operational integrity and safety of all district facilities by 09/30/2020 as measured by the Transform 2020 and CIP surveys.

**Strategy1:**

Strategy 1-Continue to Provide Voice Over IP Services - Continue to Provide Voice Over IP Services - The school district will continue to provide VOIP services to all classrooms, other instructional spaces such as gyms, and all offices in the school district. The district will lease VOIP handsets and will implement/manage a new affordable, VOIP management system.

Category: Develop/Implement Learning Supports

Research Cited:

Activity - Executing a Lease for VOIP Handsets	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will lease VOIP handsets which will be installed by the vendor and maintained by the IT staff.	Technology	10/01/2016	06/30/2020	\$0 - No Funding Required	Technology Coordinator, Network Administrator

Activity - Implement a new VOIP Management System	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The IT staff will maintain and manage the VOIP systems for the district.	Technology	10/01/2016	09/30/2018	\$0 - No Funding Required	IT Staff, Technology Coordinator

**Strategy2:**

Replace Security Camera Servers - Security cameras in Jackson County School District are on a district-wide network. The servers are coming to end-of-life and need to be replaced. In addition, 50 security cameras are at end-of-life and must be replaced.

Category: Develop/Implement Learning Supports

Research Cited:

Activity - Replace Security Cameras	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will replace 50 security cameras.	Technology	10/13/2016	09/30/2020	\$0 - No Funding Required	Network Administrator, Technology Coordinator

Activity - Replace Security Camera Servers	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will replace 5 security network servers by executing a 4 year lease.	Technology	10/13/2016	09/30/2020	\$0 - No Funding Required	Network Administrator, Technology Coordinator

**Measurable Objective 2:**

collaborate to ensure that all students, teachers, and administrators have excellent, viable bandwidth and wireless connectivity in order to access the Internet, digital learning resources, productivity tools, online assessments, and data throughout the year beginning by 06/30/2017 as measured by the Transform 2020 Teacher and Leader Surveys and network monitoring.

**Strategy1:**

Strategy 1 - Inventory and Infrastructure - Continue to provide WAN Connectivity and Internet Access for all Schools - The district will continue to execute a current contract for a fiber wide-area network connecting all schools, the Central Office, and the bus garage at 1 Gig. The data center will be connected at 10 Gigs. The district will continue to participate in the Alabama Supercomputer Authority consortium for Internet access and will increase Internet connectivity from 500 Mbps to 750 Mbps at all schools.

Category: Develop/Implement Learning Supports

Research Cited:

Activity - Erate Application for WAN Connectivity	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The school district will continue to execute a contract to provide a fiber network connecting all schools, the Central Office, and the bus garage at 1 Gig. The Data Center will continue to be connected at 10 Gigs. An application will be filed with the Schools and Libraries Division of the Universal Service Administration Corporation for funding.	Technology	01/04/2017	06/30/2018	\$0 - No Funding Required	Technology Coordinator, Network Administrator

Activity - Erate Application for Internet Access	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will participate in the Alabama Supercomputer Authority consortium which will apply for funding from the Schools and Libraries Division of the Universal Service Administrative Company for Internet access.	Technology	01/04/2017	06/30/2018	\$0 - No Funding Required	Technology Coordinator, Network Administrator

**Measurable Objective 3:**

collaborate to ensure the integrity of school LANS through equipment replacement by 03/31/2020 as measured by inventory analysis and network monitoring. .

**Strategy1:**

Strategy 1 -Replace Network Equipment - The district will replace end-of-life, WAN servers located at the IT Center, and will replace network equipment for all schools. Funding from the Schools and Libraries Corporation will be sought for eligible equipment.

Category: Develop/Implement Learning Supports

Research Cited:

Activity - Replace Battery Backup Units	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will replace end-of-life battery backups (UPS) in core locations at all schools.	Technology	10/02/2017	06/30/2018	\$0 - No Funding Required	IT Staff, Network Administrator, Technology Coordinator

Activity - Purchase Fiber Core Switches	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will purchase 30 Cisco 3850, or equivalent, fiber core switches which will be placed/installed in schools.	Technology	01/04/2017	06/30/2018	\$0 - No Funding Required	Network Administrator, Technology Coordinator

Activity - Replace WAN Servers	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will replace 15 end-of-life, WAN servers located at the IT Center by executing a 4 year lease.	Technology	03/31/2016	03/31/2020	\$0 - No Funding Required	Network Administrator, Technology Coordinator

Activity - Rewire School Computer Labs	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will rewire 20 computer labs located at schools. The IT staff will complete the task. Wall rack, cable, and cable management will be purchased.	Technology	10/13/2016	08/31/2018	\$0 - No Funding Required	Network Administrator, Technology Coordinator, IT Staff

Activity - Add WiFi for Non-Instructional Spaces	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will purchase the equipment necessary to add WiFi to non instructional spaces (ball fields, press boxes, and concession stands).	Technology	01/04/2017	06/30/2018	\$0 - No Funding Required	Network Administrator, Technology Coordinator

Activity - Cell Boosters	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will purchase cell boosters for each school to augment cell phone coverage.	Technology	10/02/2017	06/30/2020	\$0 - No Funding Required	IT Staff, Network Administrator, Technology Coordinator

## Alabama Technology Plan

Rosalie Elementary School

Activity - Maintain Classroom Switches	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will purchase 40 classroom switches to replace end-of-life switches. USAC funding will be sought as applicable.	Technology	10/13/2016	06/30/2020	\$0 - No Funding Required	Network Administrator, Technology Coordinator, IT Staff

### Measurable Objective 4:

collaborate to ensure that every student, teacher, and administrator has access to an Internet Connected Device by 05/25/2018 as measured by the technology inventory. .

### Strategy1:

Strategy 1 - Replace Inadequate Computers and Purchasing New Computers - The district will replace inadequate desktop computers with notebooks/chromebooks, and will purchase additional notebooks/chromebooks.

Category: Develop/Implement Learning Supports

Research Cited:

Activity - Purchase Additional Chromebooks	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will purchase up to 400 additional Chromebooks for student use.	Technology	10/01/2017	07/31/2018	\$0 - No Funding Required	Network Administrator, Technology Coordinator

Activity - Advocate for Funding for Educational Technology	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Educators in the Jackson County School District will participate in advocacy for state funding for educational technology.	Technology	01/02/2015	09/01/2020	\$0 - No Funding Required	Superintendent, Administrators, Teachers, Technology Coordinator

Activity - Lease Additional Computers	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will execute a four-year lease for up to 700 additional notebooks for student use.	Technology	11/01/2016	11/01/2020	\$0 - No Funding Required	Network Administrator, Technology Coordinator

Activity - Replace Inadequate Desktop Computers	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will replace inadequate desktop computers and the last remaining analog monitors with notebooks by executing a four year lease.	Technology	11/01/2016	11/01/2020	\$0 - No Funding Required	Alabama Legislators, Jackson County Superintendent, Jackson County Board of Education, Technology Coordinator

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:

SY 2017-2018

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Ensure that 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 adequate communication tools to ensure the operational integrity and safety of all district facilities by 09/30/2020 as measured by the Transform 2020 and CIP surveys.

**Strategy1:**

Replace Security Camera Servers - Security cameras in Jackson County School District are on a district-wide network. The servers are coming to end-of-life and need to be replaced. In addition, 50 security cameras are at end-of-life and must be replaced.

Category: Develop/Implement Learning Supports

Research Cited:

Activity - Replace Security Cameras	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will replace 50 security cameras.	Technology	10/13/2016	09/30/2020	\$0 - No Funding Required	Network Administrator, Technology Coordinator

Activity - Replace Security Camera Servers	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will replace 5 security network servers by executing a 4 year lease.	Technology	10/13/2016	09/30/2020	\$0 - No Funding Required	Network Administrator, Technology Coordinator

**Strategy2:**

Strategy 1-Continue to Provide Voice Over IP Services - Continue to Provide Voice Over IP Services - The school district will continue to provide VOIP services to all classrooms, other instructional spaces such as gyms, and all offices in the school district. The district will lease VOIP handsets and will implement/manage a new affordable, VOIP management system.

Category: Develop/Implement Learning Supports

Research Cited:

Activity - Executing a Lease for VOIP Handsets	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will lease VOIP handsets which will be installed by the vendor and maintained by the IT staff.	Technology	10/01/2016	06/30/2020	\$0 - No Funding Required	Technology Coordinator, Network Administrator

Activity - Implement a new VOIP Management System	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The IT staff will maintain and manage the VOIP systems for the district.	Technology	10/01/2016	09/30/2018	\$0 - No Funding Required	IT Staff, Technology Coordinator

**Measurable Objective 2:**

collaborate to ensure that every student, teacher, and administrator has access to an Internet Connected Device by 05/25/2018 as

measured by the technology inventory. .

**Strategy1:**

Strategy 1 - Replace Inadequate Computers and Purchasing New Computers - The district will replace inadequate desktop computers with notebooks/chromebooks, and will purchase additional notebooks/chromebooks.

Category: Develop/Implement Learning Supports

Research Cited:

Activity - Purchase Additional Chromebooks	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
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The district will replace inadequate desktop computers and the last remaining analog monitors with notebooks by executing a four year lease.	Technology	11/01/2016	11/01/2020	\$0 - No Funding Required	Alabama Legislators, Jackson County Superintendent, Jackson County Board of Education, Technology Coordinator

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Educators in the Jackson County School District will participate in advocacy for state funding for educational technology.	Technology	01/02/2015	09/01/2020	\$0 - No Funding Required	Superintendent, Administrators, Teachers, Technology Coordinator

**Measurable Objective 3:**

collaborate to ensure that all students, teachers, and administrators have excellent, viable bandwidth and wireless connectivity in order to access the Internet, digital learning resources, productivity tools, online assessments, and data throughout the year beginning by 06/30/2017 as measured by the Transform 2020 Teacher and Leader Surveys and network monitoring.

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Category: Develop/Implement Learning Supports

## Alabama Technology Plan

Rosalie Elementary School

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### Measurable Objective 4:

collaborate to ensure the integrity of school LANS through equipment replacement by 03/31/2020 as measured by inventory analysis and network monitoring. .

### Strategy1:

Strategy 1 -Replace Network Equipment - The district will replace end-of-life, WAN servers located at the IT Center, and will replace network equipment for all schools. Funding from the Schools and Libraries Corporation will be sought for eligible equipment.

Category: Develop/Implement Learning Supports

Research Cited:

Activity - Purchase Fiber Core Switches	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will purchase 30 Cisco 3850, or equivalent, fiber core switches which will be placed/installed in schools.	Technology	01/04/2017	06/30/2018	\$0 - No Funding Required	Network Administrator, Technology Coordinator

Activity - Rewire School Computer Labs	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will rewire 20 computer labs located at schools. The IT staff will complete the task. Wall rack, cable, and cable management will be purchased.	Technology	10/13/2016	08/31/2018	\$0 - No Funding Required	Network Administrator, Technology Coordinator, IT Staff

Activity - Replace Battery Backup Units	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will replace end-of-life battery backups (UPS) in core locations at all schools.	Technology	10/02/2017	06/30/2018	\$0 - No Funding Required	IT Staff, Network Administrator, Technology Coordinator

## Alabama Technology Plan

Rosalie Elementary School

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The district will purchase 40 classroom switches to replace end-of-life switches. USAC funding will be sought as applicable.	Technology	10/13/2016	06/30/2020	\$0 - No Funding Required	Network Administrator, Technology Coordinator, IT Staff

Activity - Add WiFi for Non-Instructional Spaces	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will purchase the equipment necessary to add WiFi to non instructional spaces (ball fields, press boxes, and concession stands).	Technology	01/04/2017	06/30/2018	\$0 - No Funding Required	Network Administrator, Technology Coordinator

Activity - Replace WAN Servers	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will replace 15 end-of-life, WAN servers located at the IT Center by executing a 4 year lease.	Technology	03/31/2016	03/31/2020	\$0 - No Funding Required	Network Administrator, Technology Coordinator

Activity - Cell Boosters	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will purchase cell boosters for each school to augment cell phone coverage.	Technology	10/02/2017	06/30/2020	\$0 - No Funding Required	IT Staff, Network Administrator, Technology Coordinator



# **2017-2018 Technology Plan**

# Overview

**Plan Name**

2017-2018 Technology Plan

**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: 3 Strategies: 6 Activities: 15	Academic	\$2807
2	Prepare and Support Teachers and Leaders to Graduate College-and Career-Ready Students	Objectives: 3 Strategies: 3 Activities: 10	Organizational	\$0
3	Ensure that all educators and students will have tools to access a comprehensive viable infrastructure when and where they need it.	Objectives: 4 Strategies: 5 Activities: 17	Organizational	\$0

## Goal 1: Engage and Empower the Learner Through Technology

### Measurable Objective 1:

85% of Kindergarten, First, Second, Third and Fourth grade Black or African-American, Economically Disadvantaged and Hispanic or Latino students will demonstrate a proficiency in using digital media to master Reading Foundational Skills in Reading by 05/01/2020 as measured by Scantron Performance Series and Achievement Series assessments..

### Strategy 1:

Professional Development in the Use of SuccessMaker - The school district has purchased an online program, SuccessMaker, which is designed to help students build reading skills. Reading Specialists will participate in professional development on managing and SuccessMaker provided by a Pearson consultant. Reading Specialists will turn the training around for reading teachers in each school. A second workshop will be held to show teachers how to use the program to help struggling readers improve their reading skills.

Category: Develop/Implement Professional Learning and Support

Activity - SuccessMaker Management Training for New Teachers	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Reading Specialist at each school will provide professional development for teachers in grades K-6 on managing the SuccessMaker Program.	Professional Learning	08/09/2017	02/28/2020	\$0	No Funding Required	Curriculum Coordinator, Reading Specialists, Teachers

Activity - Continued Training for Teachers on Using SuccessMaker to Help Struggling Readers for New Teachers	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Reading Specialists will provide training in each school for new K-6 teachers on using SuccessMaker to help struggling readers.	Professional Learning	08/09/2017	02/28/2020	\$0	No Funding Required	Curriculum Coordinator, Reading Specialists, Teachers

### Strategy 2:

Scantron Global Scholar Training - A representative from Scantron will present a series of workshops to train Reading Specialists, Building Test Coordinators, and Administrators on how to use the Performance Series Interface, how to use the Achievement Series Interface, and how to generate and interpret reports to inform instruction and analyze gains. School personnel will then participate in turn around training on the same topics.

Category: Develop/Implement Professional Learning and Support

Activity - Performance Series Initial Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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**Alabama Technology Plan**

Rosalie Elementary School

A Scantron Representative will train Reading Specialists, Building Test Coordinators, and Administrators on the use of Performance Series. Turn around training will be provided for school personnel.	Technology, Professional Learning	08/01/2017	09/29/2017	\$0	No Funding Required	Curriculum Coordinator, Reading Specialists, Building Test Coordinators, Administrators, Teachers
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Activity - Performance Series Reports and Achievement Series Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Scantron Representative will train Reading Specialists, Building Test Coordinators, and Administrators on the use of Performance Series Reports and Achievement Series. Turn around training will be provided for school personnel.	Professional Learning	10/06/2017	05/28/2018	\$0	No Funding Required	Curriculum Coordinator, Reading Specialists, Building Test Coordinators, Administrators, Teachers

Activity - Gains Analysis Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Scantron Representative will train Reading Specialists and Administrators on using reports for gains analysis. Turn around training will be provided for school personnel.	Professional Learning	01/11/2018	05/25/2018	\$0	No Funding Required	Curriculum Coordinator, Reading Specialists, Administrators, Teachers

**Strategy 3:**

Accelerated Reading/Math - Technology money will be used to purchase Accelerated Reading and Accelerated Math.

Category: Develop/Implement College and Career Ready Standards

Activity - Purchasing Accelerated Reading/Math	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology money will be used to purchase Accelerated Reading and Accelerated Math in order to increase understanding of the College and Career Ready Standards.	Academic Support Program	10/01/2017	05/25/2018	\$2807	State Funds	Budget Committee, Principal, Technology Coach

**Measurable Objective 2:**

85% of Third, Fourth, Fifth, Sixth, Seventh and Eighth grade students will demonstrate a proficiency in using digital tools, individually and collaboratively, in and out of the classroom, to gather, organize, evaluate, and share and present information in Social Studies, Science, and in English Language Arts by 05/01/2020 as measured by classroom observations using the Effective Learning Environment Observation Tool..

**Alabama Technology Plan**

Rosalie Elementary School

**Strategy 1:**

Provide Professional Development for Teachers on Using Digital Tools - Teachers will participate in workshops which focus on using digital tools to foster active, student-engagement, critical thinking, problem solving, and collaboration skills using technology.

Category: Develop/Implement Professional Learning and Support

Activity - Website Turnaround Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
School webmasters will turn around the training from the summer website training for school personnel and equip teachers to use the new platform to enhance instruction.	Tutoring, Professional Learning	07/17/2017	02/28/2018	\$0	No Funding Required	Technology Coordinator, Curriculum Supervisor, Data and Accountability Coordinator, School Webmasters, School Administrator s, Teachers

Activity - Google Apps for Education Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The District will provide Google Apps for Education/Google Classroom training for school tech coaches and assistant principals. Tech Coaches will provide turnaround training at their schools.	Technology, Professional Learning	10/27/2017	05/04/2018	\$0	No Funding Required	Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrator s, Teachers

Activity - District Technology Ed Camp	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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**Alabama Technology Plan**

Rosalie Elementary School

The District will host a single day Technology Ed Camp at North Jackson High School that will be available to all teachers. School Technology Coaches along with other district personnel and outside agencies will present breakout sessions on selected technology topics.	Technology, Professional Learning	01/03/2018	01/03/2018	\$0	No Funding Required	Superintendent, Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers
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Activity - ActivInspire - Class Flow Update	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The IT Center along with Technology Coaches will oversee the update of ActivInspire to Classflow and Technology Coaches will provide professional development as needed to teachers insuring a smooth transition.	Technology, Professional Learning	11/15/2017	05/28/2018	\$0	No Funding Required	Curriculum Supervisor, Technology Coordinator, IT Center Personnel, Tech Coaches, School Administrators, Teachers

**Measurable Objective 3:**

80% of All Students will collaborate to complete authentic, multi-discipline projects annually to increase content knowledge and ensure the development of critical thinking, problem solving, and collaboration in Science, Technology, Engineering, and in Mathematics by 06/01/2020 as measured by project rubrics, lesson plans, and classroom observations..

**Strategy 1:**

Provide Professional Development for Teachers on Using Digital Tools - Teachers will participate in workshops which focus on using digital tools to foster active, student-engagement, critical thinking, problem solving, and collaboration skills using technology.

Category: Develop/Implement Professional Learning and Support

Activity - Website Turnaround Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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**Alabama Technology Plan**

Rosalie Elementary School

School webmasters will turn around the training from the summer website training for school personnel and equip teachers to use the new platform to enhance instruction.	Tutoring, Professional Learning	07/17/2017	02/28/2018	\$0	No Funding Required	Technology Coordinator, Curriculum Supervisor, Data and Accountability Coordinator, School Webmasters, School Administrators, Teachers
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Activity - Google Apps for Education Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The District will provide Google Apps for Education/Google Classroom training for school tech coaches and assistant principals. Tech Coaches will provide turnaround training at their schools.	Technology, Professional Learning	10/27/2017	05/04/2018	\$0	No Funding Required	Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers

Activity - District Technology Ed Camp	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The District will host a single day Technology Ed Camp at North Jackson High School that will be available to all teachers. School Technology Coaches along with other district personnel and outside agencies will present breakout sessions on selected technology topics.	Technology, Professional Learning	01/03/2018	01/03/2018	\$0	No Funding Required	Superintendent, Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers

Activity - ActivInspire - Class Flow Update	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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## Alabama Technology Plan

Rosalie Elementary School

The IT Center along with Technology Coaches will oversee the update of ActiveInspire to Classflow and Technology Coaches will provide professional development as needed to teachers insuring a smooth transition.	Technology, Professional Learning	11/15/2017	05/25/2018	\$0	No Funding Required	Curriculum Supervisor, Technology Coordinator, IT Center Personnel, Tech Coaches, School Administrators, Teachers
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### Strategy 2:

Project-Based Learning - Professional Development will be provided for 4-8 science teachers on the new Alabama Science Standards and STEM projects.

Category: Develop/Implement Professional Learning and Support

Activity - Professional Development for 4-8 Science Teachers	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Grade level workshops and workshops for secondary disciplines will be provided for teachers to address the development of multi-discipline lessons which use hands-on learning to construct knowledge and guide students in the application of content knowledge to solve real world (authentic) problems.	Professional Learning	07/01/2016	06/01/2018	\$0	No Funding Required	Curriculum Coordinator, Principals, Teachers

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

### Measurable Objective 1:

collaborate to ensure that all teachers will use technology and digital resources to provide standards-based instruction and authentic learning activities in all content areas to facilitate real-life experiences that advance student learning by 01/01/2020 as measured by Transform 2020 Teacher Surveys and Principal Observation Checklists.

### Strategy 1:

Maximizing the Use of Existing Technology Tools and Digital Resources in all Schools - As a result of on-going professional development and teacher collaboration, teachers will maximize the use of technology tools and digital resources already available to the school district to support standards-based instruction in all content areas.

Category: Develop/Implement Professional Learning and Support

Activity - Website Turnaround Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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**Alabama Technology Plan**

Rosalie Elementary School

School webmasters will turn around the training from the summer website training for school personnel and equip teachers to use the platform to enhance instruction.	Professional Learning	07/17/2017	02/28/2018	\$0	No Funding Required	Technology Coordinator, Curriculum Supervisor, Data and Accountability Coordinator, School Webmasters, School Administrators, Teachers
Activity - Google Apps for Education Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The District will provide Google Apps for Education/Google Classroom training for school tech coaches and assistant principals. Tech Coaches will provide turnaround training at their schools.	Technology, Professional Learning	10/27/2017	05/04/2018	\$0	No Funding Required	Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers
Activity - District Technology Ed Camp	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The District will host a single day Technology Ed Camp at North Jackson High School that will be available to all teachers. School Technology Coaches along with other district personnel and outside agencies will present breakout sessions on selected technology topics.	Technology, Professional Learning	01/03/2018	01/03/2018	\$0	No Funding Required	Superintendent, Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers
Activity - ActivInspire - Class Flow Update	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

## Alabama Technology Plan

Rosalie Elementary School

The IT Center along with Technology Coaches will oversee the update of ActivInspire to Classflow and Technology Coaches will provide professional development as needed to teachers insuring a smooth transition.	Technology, Professional Learning	11/15/2017	05/25/2018	\$0	No Funding Required	Technology Coordinator, Technology Coaches, Principals, Teachers
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Activity - One-to-One Assistance on Managing Digital Devices in the Classroom	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Since the district technology plan includes adding additional digital devices in the classroom, teachers will be provided with one-to-one assistance and instruction on managing digital devices in the classroom.	Professional Learning	11/01/2017	06/01/2018	\$0	No Funding Required	Technology Coordinator, Technology Coaches, Principals, Teachers

### Measurable Objective 2:

collaborate to ensure that Educational Administrators encourage an environment that promotes active engagement and the use of digital resources by students by 05/31/2018 as measured by the Transform 2020 Teacher Survey.

### Strategy 1:

Observations of Student Engagement with Digital Resources - Principals will include the active engagement of students and emphasis on engagement with digital resources in their classroom observations using the Effective Learning Environment Observation Tool.

Category: Develop /Implement Leader Effectiveness Plan

Activity - Prepare All Principals and Assistant Principals to Evaluate Technology Use	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Training in the use of the Effective Learning Environment Observation Tool will be provided for all new principals and new assistant principals in order to maintain a fully trained group of administrators.	Policy and Process, Professional Learning	10/14/2016	01/02/2020	\$0	No Funding Required	Principals, Assistant Principals, Curriculum/Technology Coordinator

Activity - Implement the Use of the Effective Learning Environment Observation Tool	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All principals and assistant principals will ensure that each classroom is evaluated using the Effective Learning Environment Observation Tool twice annually and that a conference is held with each teacher following the observations. The purpose of the observation is to help teachers evaluate the active engagement of students in their classrooms.	Policy and Process	08/03/2015	07/02/2018	\$0	No Funding Required	Principals, Assistant Principals, Curriculum/Technology Coordinator

### Measurable Objective 3:

collaborate to ensure that teachers exhibit knowledge, skills, and work processes that are representative of an innovative professional in a global and digital society by 06/01/2020 as measured by the Transform 2020 Teacher Survey and Transform 2020 Administrator Surveys.

**Strategy 1:**

Maximize the Use of Existing Communication Tools - All teachers will have the knowledge and skills to use the communication tools already available in the district to improve communication with students, parents, and the community.

Category: Develop/Implement Teacher Effectiveness Plan

Activity - Communicate with Parents Through Teacher Websites	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
To ensure that parents are aware of instructional methods, classroom procedures, and grading methodology, teachers will post a simple syllabus on their teacher website.	Policy and Process	10/01/2017	03/01/2018	\$0	No Funding Required	Principals, Teachers
Activity - Website Update	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Following summer training for webmasters, district and school personnel will update websites.	Technology, Professional Learning	08/09/2017	01/31/2018	\$0	No Funding Required	Central Office Personnel, Principals, Teachers, Webmasters
Activity - Google Apps for Education Turnaround Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The District will provide Google Apps for Education/Google Classroom training for school tech coaches and assistant principals. Tech Coaches will provide turnaround training at their schools.	Technology, Professional Learning	10/27/2017	05/25/2018	\$0	No Funding Required	Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrator s, Teachers

### **Goal 3: Ensure that 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 all students, teachers, and administrators have excellent, viable bandwidth and wireless connectivity in order to access the Internet, digital learning resources, productivity tools, online assessments, and data throughout the year beginning by 06/30/2017 as measured by the Transform 2020 Teacher and Leader Surveys and network monitoring.

**Strategy 1:**

Strategy 1 - Inventory and Infrastructure - Continue to provide WAN Connectivity and Internet Access for all Schools - The district will continue to execute a current contract for a fiber wide-area network connecting all schools, the Central Office, and the bus garage at 1 Gig. The data center will be connected at 10 Gigs. The district will continue to participate in the Alabama Supercomputer Authority consortium for Internet access and will increase Internet connectivity from 500 Mbps to 750 Mbps at all schools.

Category: Develop/Implement Learning Supports

Activity - Erate Application for Internet Access	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will participate in the Alabama Supercomputer Authority consortium which will apply for funding from the Schools and Libraries Division of the Universal Service Administrative Company for Internet access.	Technology	01/04/2017	06/30/2018	\$0	No Funding Required	Technology Coordinator, Network Administrator

Activity - Erate Application for WAN Connectivity	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The school district will continue to execute a contract to provide a fiber network connecting all schools, the Central Office, and the bus garage at 1 Gig. The Data Center will continue to be connected at 10 Gigs. An application will be filed with the Schools and Libraries Division of the Universal Service Administration Corporation for funding.	Technology	01/04/2017	06/30/2018	\$0	No Funding Required	Technology Coordinator, Network Administrator

**Measurable Objective 2:**

collaborate to provide adequate communication tools to ensure the operational integrity and safety of all district facilities by 09/30/2020 as measured by the Transform 2020 and CIP surveys.

**Strategy 1:**

Strategy 1-Continue to Provide Voice Over IP Services - Continue to Provide Voice Over IP Services - The school district will continue to provide VOIP services to all classrooms, other instructional spaces such as gyms, and all offices in the school district. The district will lease VOIP handsets and will implement/manage a new affordable, VOIP management system.

Category: Develop/Implement Learning Supports

Activity - Executing a Lease for VOIP Handsets	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will lease VOIP handsets which will be installed by the vendor and maintained by the IT staff.	Technology	10/01/2016	06/30/2020	\$0	No Funding Required	Technology Coordinator, Network Administrator

Activity - Implement a new VOIP Management System	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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**Alabama Technology Plan**

Rosalie Elementary School

The IT staff will maintain and manage the VOIP systems for the district.	Technology	10/01/2016	09/30/2018	\$0	No Funding Required	IT Staff, Technology Coordinator
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**Strategy 2:**

Replace Security Camera Servers - Security cameras in Jackson County School District are on a district-wide network. The servers are coming to end-of-life and need to be replaced. In addition, 50 security cameras are at end-of-life and must be replaced.

Category: Develop/Implement Learning Supports

Activity - Replace Security Camera Servers	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will replace 5 security network servers by executing a 4 year lease.	Technology	10/13/2016	09/30/2020	\$0	No Funding Required	Network Administrator, Technology Coordinator

Activity - Replace Security Cameras	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will replace 50 security cameras.	Technology	10/13/2016	09/30/2020	\$0	No Funding Required	Network Administrator, Technology Coordinator

**Measurable Objective 3:**

collaborate to ensure that every student, teacher, and administrator has access to an Internet Connected Device by 05/25/2018 as measured by the technology inventory. .

**Strategy 1:**

Strategy 1 - Replace Inadequate Computers and Purchasing New Computers - The district will replace inadequate desktop computers with notebooks/chromebooks, and will purchase additional notebooks/chromebooks.

Category: Develop/Implement Learning Supports

Activity - Replace Inadequate Desktop Computers	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will replace inadequate desktop computers and the last remaining analog monitors with notebooks by executing a four year lease.	Technology	11/01/2016	11/01/2020	\$0	No Funding Required	Alabama Legislators, Jackson County Superintendent, Jackson County Board of Education, Technology Coordinator

**Alabama Technology Plan**

Rosalie Elementary School

Activity - Advocate for Funding for Educational Technology	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Educators in the Jackson County School District will participate in advocacy for state funding for educational technology.	Technology	01/02/2015	09/01/2020	\$0	No Funding Required	Superintendent, Administrator, Teachers, Technology Coordinator

Activity - Lease Additional Computers	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will execute a four-year lease for up to 700 additional notebooks for student use.	Technology	11/01/2016	11/01/2020	\$0	No Funding Required	Network Administrator, Technology Coordinator

Activity - Purchase Additional Chromebooks	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will purchase up to 400 additional Chromebooks for student use.	Technology	10/01/2017	07/31/2018	\$0	No Funding Required	Network Administrator, Technology Coordinator

**Measurable Objective 4:**

collaborate to ensure the integrity of school LANS through equipment replacement by 03/31/2020 as measured by inventory analysis and network monitoring. .

**Strategy 1:**

Strategy 1 -Replace Network Equipment - The district will replace end-of-life, WAN servers located at the IT Center, and will replace network equipment for all schools. Funding from the Schools and Libraries Corporation will be sought for eligible equipment.

Category: Develop/Implement Learning Supports

Activity - Replace WAN Servers	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will replace 15 end-of-life, WAN servers located at the IT Center by executing a 4 year lease.	Technology	03/31/2016	03/31/2020	\$0	No Funding Required	Network Administrator, Technology Coordinator

Activity - Purchase Fiber Core Switches	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will purchase 30 Cisco 3850, or equivalent, fiber core switches which will be placed/installed in schools.	Technology	01/04/2017	06/30/2018	\$0	No Funding Required	Network Administrator, Technology Coordinator

**Alabama Technology Plan**

Rosalie Elementary School

Activity - Add WiFi for Non-Instructional Spaces	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will purchase the equipment necessary to add WiFi to non instructional spaces (ball fields, press boxes, and concession stands).	Technology	01/04/2017	06/30/2018	\$0	No Funding Required	Network Administrator, Technology Coordinator
Activity - Maintain Classroom Switches	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will purchase 40 classroom switches to replace end-of-life switches. USAC funding will be sought as applicable.	Technology	10/13/2016	06/30/2020	\$0	No Funding Required	Network Administrator, Technology Coordinator, IT Staff
Activity - Rewire School Computer Labs	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will rewire 20 computer labs located at schools. The IT staff will complete the task. Wall rack, cable, and cable management will be purchased.	Technology	10/13/2016	08/31/2018	\$0	No Funding Required	Network Administrator, Technology Coordinator, IT Staff
Activity - Replace Battery Backup Units	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will replace end-of-life battery backups (UPS) in core locations at all schools.	Technology	10/02/2017	06/30/2018	\$0	No Funding Required	IT Staff, Network Administrator, Technology Coordinator
Activity - Cell Boosters	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will purchase cell boosters for each school to augment cell phone coverage.	Technology	10/02/2017	06/30/2020	\$0	No Funding Required	IT Staff, Network Administrator, Technology Coordinator



## Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

### State Funds

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Purchasing Accelerated Reading/Math	Technology money will be used to purchase Accelerated Reading and Accelerated Math in order to increase understanding of the College and Career Ready Standards.	Academic Support Program	10/01/2017	05/25/2018	\$2807	Budget Committee, Principal, Technology Coach
<b>Total</b>					<b>\$2807</b>	

### No Funding Required

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Replace Inadequate Desktop Computers	The district will replace inadequate desktop computers and the last remaining analog monitors with notebooks by executing a four year lease.	Technology	11/01/2016	11/01/2020	\$0	Alabama Legislators, Jackson County Superintendent, Jackson County Board of Education, Technology Coordinator
Cell Boosters	The district will purchase cell boosters for each school to augment cell phone coverage.	Technology	10/02/2017	06/30/2020	\$0	IT Staff, Network Administrator, Technology Coordinator
Continued Training for Teachers on Using SuccessMaker to Help Struggling Readers for New Teachers	Reading Specialists will provide training in each school for new K-6 teachers on using SuccessMaker to help struggling readers.	Professional Learning	08/09/2017	02/28/2020	\$0	Curriculum Coordinator, Reading Specialists, Teachers
Prepare All Principals and Assistant Principals to Evaluate Technology Use	Training in the use of the Effective Learning Environment Observation Tool will be provided for all new principals and new assistant principals in order to maintain a fully trained group of administrators.	Policy and Process, Professional Learning	10/14/2016	01/02/2020	\$0	Principals, Assistant Principals, Curriculum/Technology Coordinator

## Alabama Technology Plan

Rosalie Elementary School

District Technology Ed Camp	The District will host a single day Technology Ed Camp at North Jackson High School that will be available to all teachers. School Technology Coaches along with other district personnel and outside agencies will present breakout sessions on selected technology topics.	Technology, Professional Learning	01/03/2018	01/03/2018	\$0	Superintendent, Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers
Advocate for Funding for Educational Technology	Educators in the Jackson County School District will participate in advocacy for state funding for educational technology.	Technology	01/02/2015	09/01/2020	\$0	Superintendent, Administrators, Teachers, Technology Coordinator
Google Apps for Education Training	The District will provide Google Apps for Education/Google Classroom training for school tech coaches and assistant principals. Tech Coaches will provide turnaround training at their schools.	Technology, Professional Learning	10/27/2017	05/04/2018	\$0	Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers
Website Turnaround Training	School webmasters will turn around the training from the summer website training for school personnel and equip teachers to use the new platform to enhance instruction.	Tutoring, Professional Learning	07/17/2017	02/28/2018	\$0	Technology Coordinator, Curriculum Supervisor, Data and Accountability Coordinator, School Webmasters, School Administrators, Teachers
One-to-One Assistance on Managing Digital Devices in the Classroom	Since the district technology plan includes adding additional digital devices in the classroom, teachers will be provided with one-to-one assistance and instruction on managing digital devices in the classroom.	Professional Learning	11/01/2017	06/01/2018	\$0	Technology Coordinator, Technology Coaches, Principals, Teachers

## Alabama Technology Plan

Rosalie Elementary School

Erate Application for Internet Access	The district will participate in the Alabama Supercomputer Authority consortium which will apply for funding from the Schools and Libraries Division of the Universal Service Administrative Company for Internet access.	Technology	01/04/2017	06/30/2018	\$0	Technology Coordinator, Network Administrator
Communicate with Parents Through Teacher Websites	To ensure that parents are aware of instructional methods, classroom procedures, and grading methodology, teachers will post a simple syllabus on their teacher website.	Policy and Process	10/01/2017	03/01/2018	\$0	Principals, Teachers
Lease Additional Computers	The district will execute a four-year lease for up to 700 additional notebooks for student use.	Technology	11/01/2016	11/01/2020	\$0	Network Administrator, Technology Coordinator
Erate Application for WAN Connectivity	The school district will continue to execute a contract to provide a fiber network connecting all schools, the Central Office, and the bus garage at 1 Gig. The Data Center will continue to be connected at 10 Gigs. An application will be filed with the Schools and Libraries Division of the Universal Service Administration Corporation for funding.	Technology	01/04/2017	06/30/2018	\$0	Technology Coordinator, Network Administrator
Performance Series Initial Training	A Scantron Representative will train Reading Specialists, Building Test Coordinators, and Administrators on the use of Performance Series. Turn around training will be provided for school personnel.	Technology, Professional Learning	08/01/2017	09/29/2017	\$0	Curriculum Coordinator, Reading Specialists, Building Test Coordinators, Administrators, Teachers
District Technology Ed Camp	The District will host a single day Technology Ed Camp at North Jackson High School that will be available to all teachers. School Technology Coaches along with other district personnel and outside agencies will present breakout sessions on selected technology topics.	Technology, Professional Learning	01/03/2018	01/03/2018	\$0	Superintendent, Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers
Website Update	Following summer training for webmasters, district and school personnel will update websites.	Technology, Professional Learning	08/09/2017	01/31/2018	\$0	Central Office Personnel, Principals, Teachers, Webmasters
Replace Security Cameras	The district will replace 50 security cameras.	Technology	10/13/2016	09/30/2020	\$0	Network Administrator, Technology Coordinator

## Alabama Technology Plan

Rosalie Elementary School

ActivInspire - Class Flow Update	The IT Center along with Technology Coaches will oversee the update of ActivInspire to Classflow and Technology Coaches will provide professional development as needed to teachers insuring a smooth transition.	Technology, Professional Learning	11/15/2017	05/25/2018	\$0	Technology Coordinator, Technology Coaches, Principals, Teachers
Website Turnaround Training	School webmasters will turn around the training from the summer website training for school personnel and equip teachers to use the new platform to enhance instruction.	Tutoring, Professional Learning	07/17/2017	02/28/2018	\$0	Technology Coordinator, Curriculum Supervisor, Data and Accountability Coordinator, School Webmasters, School Administrator s, Teachers
District Technology Ed Camp	The District will host a single day Technology Ed Camp at North Jackson High School that will be available to all teachers. School Technology Coaches along with other district personnel and outside agencies will present breakout sessions on selected technology topics.	Technology, Professional Learning	01/03/2018	01/03/2018	\$0	Superintende nt, Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrator s, Teachers
Replace WAN Servers	The district will replace 15 end-of-life, WAN servers located at the IT Center by executing a 4 year lease.	Technology	03/31/2016	03/31/2020	\$0	Network Administrator, Technology Coordinator
Purchase Additional Chromebooks	The district will purchase up to 400 additional Chromebooks for student use.	Technology	10/01/2017	07/31/2018	\$0	Network Administrator, Technology Coordinator
Performance Series Reports and Achievement Series Training	A Scantron Representative will train Reading Specialists, Building Test Coordinators, and Administrators on the use of Performance Series Reports and Achievement Series. Turn around training will be provided for school personnel.	Professional Learning	10/06/2017	05/28/2018	\$0	Curriculum Coordinator, Reading Specialists, Building Test Coordinators, Administrator s, Teachers

## Alabama Technology Plan

Rosalie Elementary School

ActivInspire - Class Flow Update	The IT Center along with Technology Coaches will oversee the update of ActiveInspire to Classflow and Technology Coaches will provide professional development as needed to teachers insuring a smooth transition.	Technology, Professional Learning	11/15/2017	05/25/2018	\$0	Curriculum Supervisor, Technology Coordinator, IT Center Personnel, Tech Coaches, School Administrators, Teachers
Website Turnaround Training	School webmasters will turn around the training from the summer website training for school personnel and equip teachers to use the platform to enhance instruction.	Professional Learning	07/17/2017	02/28/2018	\$0	Technology Coordinator, Curriculum Supervisor, Data and Accountability Coordinator, School Webmasters, School Administrators, Teachers
Executing a Lease for VOIP Handsets	The district will lease VOIP handsets which will be installed by the vendor and maintained by the IT staff.	Technology	10/01/2016	06/30/2020	\$0	Technology Coordinator, Network Administrator
Replace Security Camera Servers	The district will replace 5 security network servers by executing a 4 year lease.	Technology	10/13/2016	09/30/2020	\$0	Network Administrator, Technology Coordinator
Purchase Fiber Core Switches	The district will purchase 30 Cisco 3850, or equivalent, fiber core switches which will be placed/installed in schools.	Technology	01/04/2017	06/30/2018	\$0	Network Administrator, Technology Coordinator
Implement the Use of the Effective Learning Environment Observation Tool	All principals and assistant principals will ensure that each classroom is evaluated using the Effective Learning Environment Observation Tool twice annually and that a conference is held with each teacher following the observations. The purpose of the observation is to help teachers evaluate the active engagement of students in their classrooms.	Policy and Process	08/03/2015	07/02/2018	\$0	Principals, Assistant Principals, Curriculum/Technology Coordinator
Replace Battery Backup Units	The district will replace end-of-life battery backups (UPS) in core locations at all schools.	Technology	10/02/2017	06/30/2018	\$0	IT Staff, Network Administrator, Technology Coordinator

**Alabama Technology Plan**

Rosalie Elementary School

SuccessMaker Management Training for New Teachers	The Reading Specialist at each school will provide professional development for teachers in grades K-6 on managing the SuccessMaker Program.	Professional Learning	08/09/2017	02/28/2020	\$0	Curriculum Coordinator, Reading Specialists, Teachers
Google Apps for Education Training	The District will provide Google Apps for Education/Google Classroom training for school tech coaches and assistant principals. Tech Coaches will provide turnaround training at their schools.	Technology, Professional Learning	10/27/2017	05/04/2018	\$0	Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers
Add WiFi for Non-Instructional Spaces	The district will purchase the equipment necessary to add WiFi to non instructional spaces (ball fields, press boxes, and concession stands).	Technology	01/04/2017	06/30/2018	\$0	Network Administrator, Technology Coordinator
Google Apps for Education Turnaround Training	The District will provide Google Apps for Education/Google Classroom training for school tech coaches and assistant principals. Tech Coaches will provide turnaround training at their schools.	Technology, Professional Learning	10/27/2017	05/25/2018	\$0	Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrators, Teachers
Professional Development for 4-8 Science Teachers	Grade level workshops and workshops for secondary disciplines will be provided for teachers to address the development of multi-discipline lessons which use hands-on learning to construct knowledge and guide students in the application of content knowledge to solve real world (authentic) problems.	Professional Learning	07/01/2016	06/01/2018	\$0	Curriculum Coordinator, Principals, Teachers
Maintain Classroom Switches	The district will purchase 40 classroom switches to replace end-of-life switches. USAC funding will be sought as applicable.	Technology	10/13/2016	06/30/2020	\$0	Network Administrator, Technology Coordinator, IT Staff

## Alabama Technology Plan

Rosalie Elementary School

ActivInspire - Class Flow Update	The IT Center along with Technology Coaches will oversee the update of ActivInspire to Classflow and Technology Coaches will provide professional development as needed to teachers insuring a smooth transition.	Technology, Professional Learning	11/15/2017	05/28/2018	\$0	Curriculum Supervisor, Technology Coordinator, IT Center Personnel, Tech Coaches, School Administrator s, Teachers
Rewire School Computer Labs	The district will rewire 20 computer labs located at schools. The IT staff will complete the task. Wall rack, cable, and cable management will be purchased.	Technology	10/13/2016	08/31/2018	\$0	Network Administrator, Technology Coordinator, IT Staff
Gains Analysis Training	A Scantron Representative will train Reading Specialists and Administrators on using reports for gains analysis. Turn around training will be provided for school personnel.	Professional Learning	01/11/2018	05/25/2018	\$0	Curriculum Coordinator, Reading Specialists, Administrator s, Teachers
Google Apps for Education Training	The District will provide Google Apps for Education/Google Classroom training for school tech coaches and assistant principals. Tech Coaches will provide turnaround training at their schools.	Technology, Professional Learning	10/27/2017	05/04/2018	\$0	Curriculum Supervisor, Technology Coordinator, Data and Accountability Coordinator, Technology Coaches, School Administrator s, Teachers
Implement a new VOIP Management System	The IT staff will maintain and manage the VOIP systems for the district.	Technology	10/01/2016	09/30/2018	\$0	IT Staff, Technology Coordinator
<b>Total</b>					<b>\$0</b>	