



Alabama Technology Plan: Transform 2020

Flat Rock 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?

Flat Rock School is a small, rural school serving 142 students in kindergarten through eighth grade. Additionally, we have a special education teacher who serves identified special education students. We provide 504 services, counseling services, and have a district prepared ELL program should it be needed. An itinerant gifted teacher provides additional instructional experiences for any student identified as "gifted". Home bound instruction, speech therapy, occupational therapy, and physical therapy are also available for those who qualify.

The ethnic population includes 73.61% Caucasian, 22.22% American Indian, and 4.1% Hispanic. The majority of our students come from low to middle socio-economic backgrounds. Seventy-three percent of our students receive free or reduced breakfast and lunch. There are currently no ELL students enrolled.

In the last few years, a considerable number of our educational staff have changed and with those changes, we have seen an increase in parental support. The local community has responded very well to the new staff and the school climate continues to improve.

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.

Flat Rock School Purpose

Flat Rock School is devoted to improving the teaching and learning of teachers and students in all grades. Our goal is to provide quality professional development to provide teachers and administrators to continue their professional growth throughout their careers, which in turn will provide quality instruction to allow our students to grow and prosper.

Flat Rock School Vision

Flat Rock School is a school that envisions an environment that is a safe and inviting place which promotes a mutual respect and cooperation among the school community, as well as curriculum that equips all students with the necessary skills for lifelong learning.

Flat Rock School Mission

The mission of Flat Rock School is to provide a safe and encouraging learning environment. We will create and maintain a high level of academic achievement as determined by national and state standards. We commit to a system of collaboration and support to ensure this outcome.

Flat Rock School Beliefs

- *Flat Rock school will provide a safe learning environment for our students.
- *Academic success is a primary concern for our school.
- *Students learn in different ways and should be given a variety of instructional approaches to support their learning.
- *School, parents, and the community are all partners in the education of all students.
- *Each student is a valued individual with unique physical, social, emotional, and intellectual needs.
- *Our commitment to continuous improvement will help students become life long learners.

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

Flat Rock School had a student who placed in the top three in Northeast Alabama Community College's writing competition. Her poem was published in NACC's literary magazine, The Aurora.

Flat Rock is an elementary school which works closely with local high schools to motivate students to work diligently and set high career goals. Working as partners with the local high schools, we have helped our district to achieve a 91% graduation rate!

Areas of Improvement

Our annual objective is to increase math and reading proficiency and maintain consistent percentages or increase the percentage of student scores on state mandated assessments. Beginning in the 2015 school year, students will also work diligently, through the participation in technology classes, to gain experience using technology in all content areas and increase keyboarding proficiency.

Additional Information

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

In the last three years, Flat Rock School has become a "New Community". Our administrators, teachers, faculty, students, and community members have worked together to ensure the best possible learning environment for our students. Caring faculty with high expectations setting high goals and encouraging students to work hard, have become the norm in our school. Increases in parental support, community involvement, and high student achievement has shown this to be true. Our school community, working hand in hand with our local community will continue to produce outstanding students who demonstrate high academic excellence.

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.

Members of the CIP and Technology planning committees are representatives from all aspects of the system and include parents, students, stakeholders, teachers, principals, and administrators. Stakeholders were asked to serve on the committee based on their expertise and their interest in furthering the achievement of all students served by Flat Rock School. Through a collaborative effort, a school team was chosen that would best represent the diverse population and school demographics of our school. Stakeholders were selected and notified of their selection and asked to serve for two years. Meetings will be conducted at various times to best accommodate all stakeholders.

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

Flat Rock School's stakeholder team consists of administrators, teachers, school counselor, parents, students, and community members. It was agreed that the responsibilities of each team member is for them to pull from their personal experiences and strengths to provide input into discussions related to school and student needs, strengths, and weaknesses and work together to develop ideas to improve deficiencies and encourage strengths. As a unified group, CIP and Technology team members will work together to promote the highest level of student achievement within an environment conducive to learning.

Instructional Leadership Team

Principal- Scotty Overdear

Technology Chairperson- Jen Roberts

Counselor- Stephanie Wagner

Teacher- Adam Boozer

Teacher- Lilia Best

Community Leader- McGee Caperton

Parent- Amanda Freeman

Parent- Questa Bachelor

Parent- LaShawna Shirley

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

Paper copies of the school ACIP and Technology Plan are available upon request in the school office. The plans are also posted on the school website and the district website.

The ACIP and Technology Plans will be discussed at monthly faculty meetings to determine effectiveness, updates, and changes. Updates will be made to the plan as needed.

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:

- Continuous Improvement Plan
- EducateAlabama Data
- Federal Government Regulations
- Formative Assessments
- Graduation Rates
- Inventory & Infrastructure Report-- Fast and Easy Access to network, and Availability of Technology
- Principal Walk-Through Checklist
- State Government Regulations
- Student Achievement Data
- Transform2020 Surveys (*Required)

Focus group responses

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.**

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. 78% of the teachers responding to the Transform 2020 Survey indicate that they access the district network from home. 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 the recent 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. 78% of the teachers indicate that they access the school network from home through this portal.

3. Adequate Facility for the Information Technology Center with Disaster 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 Datacenter of Jackson County School District. The server room has raised flooring for ease of cable management and air flow from the Computer Room AC Unit (CRAC) that has the capability to maintain not only set temperature but humidity as well. 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 Datacenter 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 two locations in other parts of the district. An additional back-up system for InformationNow data is provided by STI.

Needs:

1. Additional technicians

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

Results: Three district technicians support 5494 computers and tablet devices in classrooms, 165 computers in offices, 39 computers in cafeterias, 83 servers, 667 switches, 291 wireless access points and arrays, 22 routers, 425 networked security cameras, 101 Digital Media Players, a Voice Over IP system with 698 digital phones, 81 networked printers, 36 Video conferencing systems with IP addresses provided, 393 interactive whiteboards, 132 Apple TV connectors, and 101 digital media players supporting 15 television channels. That is a total of 8681 devices. 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 5550 students. The Alabama State Technology Plan recommends one technician for every 500 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. E-rate funding has been approved to add additional wireless arrays and switches to replace them. That equipment will be the final step in upgrading the network to handle and infusion of mobile devices for a one-to-one initiative. The addition of this equipment will occur shortly before switches installed 10 years ago reach end-of-life. In order to keep the network functioning at its newly achieved capacity, funding for replacement switches will be required.

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:

The increased availability of technology tools for teachers

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

Results: Over 30 iPads have been added to the school's inventory over the last 4 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 7 classrooms. 100% of the school classrooms contain interactive whiteboards or projection devices.

Needs:

1. Replacements for aging computers

Data Source: Inventory, Focus Groups

Results: several inadequate desktop computers remain in classrooms

2. Completion of the iPad, Apple TV connector, and interactive whiteboard initiatives

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

Results: 0% of the fifth and sixth grade classrooms have iPads for small group work and centers since a planned fourth grade implementation had to be postponed due to funding. No progress has been made in adding interactive whiteboard and Apple TV connectors during the past 12 months. 2 classrooms do not have interactive whiteboards. 12 school tvs are remaining that need Apple TV connectors, and the recent initiative has created a desire for the device by those teachers.

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. Flat Rock School's student to device ration is 2.1 to 1. Only 53.85% 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 the 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. Among the courses available to schools are locally developed high school classes for credit recovery. 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 3000 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: 100% of Flat Rock teachers completing the survey indicate that they have sufficient access to online digital resources. 100% of the formative assessments used to inform instruction are online. These online formative assessments are used for all students in grades K-8 for reading and mathematics. Online benchmark assessments are used in K-6 in reading. Students in grades K-6 have access to SuccessMaker in both reading and mathematics. The district uses GradPoint, an online program, and its own Moodle courses for credit recovery. The English Learner Program uses Rosetta Stone to support students who are learning English.

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: Teachers must take students to a computer lab when all students need access to a computer, and computer lab is shared among classes which also limits availability. Therefore, only 53.85% 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

Results: The district has not been able to provide software/online licensing for programs that meet some students needs. These include technology programs that increase technical competency 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.

1. A strong cadre of teachers 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: 92% of the teachers responding the 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 of 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 planning and using project-based, authentic learning activities using digital devices to address the Alabama College and Career Ready Standards

Data Source: Alabama State Technology Plan, Transform 2020 Teacher Survey

Results: While 77% of the teachers responding to the survey indicate that they plan and use project-based, authentic learning activities in their classroom, 92% expressed an interest in learning more about this topic

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, Observations

Results: While 78% of the school's classrooms contain interactive whiteboards, teacher surveys and observations reveal that they are not all in use. Only 7% of the teachers report that they let students use it. Therefore, there is a need for professional development to help teachers make their interactive whiteboard an instructional tool.

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.

Strengths:

1. The increasingly effective use of technology by classroom teachers

Data Source: Transform 2020 Teacher Survey

Results: The Transform 2020 Surveys show an upward trend for using digital games and interactive applications, digital projectors, interactive whiteboards, and Apple TV's (connectors). Teachers show an increasing interest in classroom engagement and providing opportunities for solving real-world problems using digital tools and resources.

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 the 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 equipment has begun to fail. A majority of digital projectors and interactive whiteboards were purchased with competitive grants and federal funds that are no longer available. District funds are now being directed toward a 1:1 initiative. The limited nature of those funds requires that a 1:1 initiative be phased in over several years. Therefore, it will be impossible to keep pace with the demise of the technology tools now located in classrooms. In addition, teacher iPads are four 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 53% 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 impossible for the district to begin online summative assessments 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.

Strengths

1. The increased fluency in technology use by teachers

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

Results: 100% of the 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 STI INow efficiently. 100% of the teachers are able to complete digital lesson plans. 100% use a desktop computer, and 100% use an iPad. 100% of the teachers demonstrate that they use the Internet and email.

Needs:

1. Replacements for aging teacher iPads

Data Source: Inventory

Results: Over 400 teacher iPads are in their fifth year and will need to be replaced in 2016-2017.

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 principal uses smart phones to maintain communications with their schools via email, text messages and phone calls while

away from the school. The principal utilizes a bank of monitors displaying the real-time video from security cameras which are strategically placed in their schools as a safety measure. The principal monitors digital lesson plans. The principal has an iPad which is 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. The principal is comfortable using management software programs to complete tasks such as recording discipline (STI INow), completing eligibility reports (C2C), evaluating teachers (Educate Alabama), approving professional development (STI PD), and completing his own professional development plan (LEAD Alabama). 100% of 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. Flat Rock's principal is 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: District wide, 100% of the 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. 97% 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 affirm 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:

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: Administrators indicate an interest in learning more about implementing school-wide, project-based, authentic learning program for their school.

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.

Other Technology Program Areas: Communications and Safety

Strengths

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: Flat Rock School has a video broadcasting systems to enable the use digital signage. The system is designed to support cable television channels, and cable access is provided for the schools. Moodle is available to all students, and guest access is also available. Student email is available for all students. Websites at all schools and the district 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 506 cameras which can be accessed from any computer. The camera system, put in by the school district, is being used in a pilot program led by the University of Alabama, Huntsville, in support of Virtual Alabama. Its purpose is to allow law enforcement personnel to "see" what is going on inside of a school in an extreme emergency. A new online program called "Lokdown" is being used as a safety feature. It is also available as an app. It is used to alert the emergency agencies, teachers, principals, and staff of potential dangers.

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: Project-Based Learning in Robotics (STEM)

Delivery Method: Face-to-Face

Time: hours

Attendees: Fifth through eighth grade science/math teachers

Presenters: Sand Mountain Robotics Initiative

Topic: STEM for Elementary Students

Delivery Method: Face-to-Face

Time: hours

Attendees: Second grade teachers

Presenters: Curriculum Coordinator

Topic: Managing and Using iPad Apps with Struggling Learners

Delivery Method: Time: Online Moodle Course

Attendees: Fourth Grade Teachers

Presenters: Assistant Technology Coordinator

Topic: How is that icon going to simplify my life? (Discrete functions of the programs in the Microsoft Office Suite that enhance productivity)

Delivery Method: Face-to-Face

Time: 30 minute sessions offered as needed by individual faculties

Attendees: Teachers (based on proficiency)

Presenters: Technology Coaches

Topic: Teaching the Alabama Course of Study Standards for Technology

Delivery Method: Face-to-Face

Time: 1 hour

Attendees: Instructional Coaches

Presenters: Technology Coordinator

Topic: Teaching the Alabama Course of Study Standards for Technology

Delivery Method: Face-to-Face

Time: 1 hour

Attendees: K-8 Teachers

Presenters: Instructional Coaches

Topic: Using a Whiteboard to foster Student Engagement

Delivery Method: Face-to-Face

Time: 1 hour

Attendees: Teachers (as needed on an individual basis)

Presenter: Technology Coaches

Topic: Getting the Most Out of SuccessMaker

Delivery Method: Face-to-Face

Time: 1 hour

Attendees: k-6 Grade Teachers

Presenter: Curriculum Coordinator

Topic: Using InFocus

Delivery Method: Face-to-Face

Time: 1 hour

Attendees: Counselors

Presenter: Central Office Staff/ Proficient Counselors

Topic: Using Video Streaming on the School Website

Delivery Method: Online (Moodle)

Time: 1 hour

Attendees: Tech Coaches

Presenter: Assistant Technology Coordinator

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 2015

Measurable Objective 1:

85% of Kindergarten, First, Second and Third grade Economically Disadvantaged students will demonstrate a proficiency in using digital media to master Reading Foundational Skills in Reading by 05/01/2020 as measured by formative (STAR Reading) and benchmark (Pearson) assessments.

Strategy1:

Reading Apps for High Need Students - Flat Rock School will use appropriate apps to help struggling readers to develop the Reading Foundational Skills in the Alabama College and Career Ready Standards.

Category:

Research Cited:

Activity - Face-to-Face Teacher Collaboration	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers in grades K through 3 will meet by grade level to critique reading applications for iPads and discuss successful implementation strategies.	Professional Learning	10/01/2014	05/29/2020	\$0 - No Funding Required	Assistant Technology Coordinator, Curriculum Coordinator

Activity - iPad Management and Support	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Flat Rock School will utilize the district support system which allows student iPads to access the Internet and the instructional apps within the confines of the CIPA requirements.	Technology	01/15/2014	05/01/2020	\$0 - No Funding Required	Principal, Technology Coach, 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:

Prepare and support teachers and leaders to graduate College and Career-Ready students 2015

Measurable Objective 1:

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 12/16/2016 as measured by Transform 2020 Teacher Surveys and Administrator Surveys.

Strategy1:

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:

Research Cited:

Activity - Maximize the Use of Moodle	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers will use Moodle with students as a content delivery method, a means of collecting student work, and assessment tool, and a communication tool.	Professional Learning	10/15/2014	05/31/2017	\$0 - No Funding Required	Assistant Technology Coordinator

Activity - Communicating with Parents through Teacher Websites	Activity Type	Begin Date	End Date	Funding Amount & Source	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	10/15/2014	12/22/2017	\$0 - No Funding Required	Principal, Instructional Coach

Activity - Communicating with the Community through the District Website	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Flat Rock School will collaborate with the district webmaster to enhance the district website by including student academic performance data, more detailed descriptions of programs and accomplishments, and highlighting school and student accomplishments.	Community Engagement	10/15/2014	05/31/2017	\$0 - No Funding Required	Technology Coordinator, IT Staff, School Secretary

Strategy2:

Implement video Streaming on the district website - Flat Rock School will implement usage of the video streaming feature on the district website. It will deliver video or real-time events for the district and individual schools.

Category:

Research Cited:

Activity - Professional Development on Video Streaming Feature	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Online professional development on the use of the website videostreaming feature will be available for teachers.	Professional Learning	10/15/2015	12/22/2017	\$0 - No Funding Required	Assistant Technology Coordinator, Principals, teachers

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Flat Rock School

Goal 2:

Ensure that all educators and students will have tools to access a comprehensive viable infrastructure when and where they need it. 2015

Measurable Objective 1:

collaborate to ensure that every student, teacher, and administrator has access to an Internet Connected Device by 01/02/2017 as measured by Technology Inventory.

Strategy1:

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 100 Mbps to 400 Mbps at all schools.

Category:

Research Cited:

Activity - Erate Application for WAN Connectivity	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The school district will issue a Request for Proposals for a contract to provide a fiber network connecting all schools, the Central Office, and the bus garage at 1 Gig. The Data Center will be connected at 10 Gigs. An application will be filed with the Schools and Libraries Division of the Universal Service Administration for funding.	Technology	11/20/2015	06/30/2016	\$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	01/04/2016	06/30/2016	\$0 - No Funding Required	Technology coordinator, Network Administrator

Strategy2:

Classroom Purchase and Installation of Apple TV connectors - Every classroom will have an Apple TV connector installed to the already existing TV

Category:

Research Cited:

Activity - Purchase and Installation of Apple TV connectors	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Apple TV connectors will be purchased and installed to all of the classrooms that do not yet have them installed.	Technology	12/01/2015	05/30/2016	\$750 - Other	Principal, Technology Coach

Alabama Technology Plan: Transform 2020

Flat Rock School

Strategy3:

Elementary iPad Project - The district will continue in its initiative to place 3 iPads in all pre-K through 5th grade classrooms for use in centers and for small group collaboration. Training in the use and management of multiple iPads will be provided prior to the placement of the iPads.

Category:

Research Cited:

Activity - Fifth Grade iPads	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Following training, all fifth grade teachers will receive 3 iPads for his/her classroom to be used with students for independent and small group work.	Technology	08/03/2015	12/18/2015	\$1500 - District Funding	Technology Coordinator, Assistant 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 technology inventory.

Strategy1:

Replacing inadequate computers and purchasing additional computers - The district will replace 268 inadequate CPUs and accompanying analog monitors with laptop computers.

Category:

Research Cited:

Activity - One-to-One Initiative	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will execute a lease for digital devices for 2000 student use as an initial step toward a 1:1 initiative.	Technology	10/17/2016	05/25/2018	\$0 - No Funding Required	Alabama Legislators, Jackson County Superintendent, Jackson County Board of Education, Technology Coordinator

Activity - Advocacy 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	12/29/2017	\$0 - No Funding Required	Superintendent, Administrators, Teachers, Technology Coordinator

Measurable Objective 3:

collaborate to ensure the integrity of school LANS through equipment replacement by 06/30/2017 as measured by inventory analysis.

Strategy1:

Network Equipment Replacement - The district will issue and RFP for switches to replace end-of-life switches after which it will apply for funding from the Universal

Alabama Technology Plan: Transform 2020

Flat Rock School

Services Corporation.

Category:

Research Cited:

Activity - Erate Application for Switches	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will issue and RFP for switches to replace end-of-life switches after which it will apply for funding form the Universal Services Corporation.	Technology	01/04/2016	06/30/2016	\$0 - No Funding Required	Technology coordinator, Network Administrator

Measurable Objective 4:

collaborate to provide adequate communication tools to ensure the operational integrity and safety of all district facilities by 07/01/2016 as measured by Transform 2020 and CIP surveys.

Strategy1:

Continue to Provide Voice Over IP Services - As a result of the rule changes by the USAC, the district must take steps to continue to provide VOIP services to all

classrooms, other instructional spaces such as gyms, and all offices in the school district. The district will enter into an agreement for the lease of VOIP handsets and

develop a new, affordable VOIP management system.

Category:

Research Cited:

Activity - Executing a Lease for VOIP Handsets	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
At the conclusion of a current contract which includes the lease of VOIP handsets and the management system to support them, the district issue a RFP and execute a contract for handsets.	Technology	01/20/2015	06/30/2016	\$0 - No Funding Required	Technology Coordinator, Network Administrator

Activity - Erate for VOIP Management	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will issue an RFP for VOIP management and will file for funding through the Universal Services Administration if a feasible bid is received	Technology	01/04/2016	06/30/2016	\$0 - No Funding Required	Technology coordinator, Network Administrator, IT Staff

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Flat Rock School

Activity - Implementation of an Affordable VOIP Management System	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The IT staff will seek the most economical means of providing VOIP services for the school district by researching two options. First, the IT staff will research freeware for VOIP management and consider the feasibility of adding VOIP management to the responsibilities of the team. Second, an RFP will be posted for VOIP management options. The team will proceed with the most cost effective and feasible option.	Technology	01/02/2015	06/30/2016	\$0 - No Funding Required	IT Staff

Measurable Objective 5:

collaborate to add viable access points/arrays and switches to support every classroom so that all students, teachers, and administrators can access network and internet based resources when a one-to-one ratio of students to computers is reached by 07/01/2016 as measured by network speed and monitoring reports.

Strategy1:

Wireless Network Upgrade - The district will upgrade the network switches and install additional wireless arrays to support the increasing number of wireless devices. The district will complete the process required to access funding committed to the district by the Schools and Libraries Division of the Universal Service Administrative Company for this purpose.

Category:

Research Cited:

Activity - Installation of Equipment	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The IT staff will purchase wireless arrays and switches, install the equipment, and complete the process of receiving funding from the Universal Service Corporation.	Technology	12/01/2015	06/30/2016	\$0 - No Funding Required	Technology Coordinator, Network Administrator, IT Staff

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:

Engage and empower the learner through technology 2015

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, share, and present information in Social Studies and in English Language Arts by 05/01/2020 as measured by project assessment guides and benchmark assessments.

Strategy1:

Alabama Technology Plan: Transform 2020

Flat Rock School

Critical Thinking Skills Professional Development - Teachers in grades 4 through 8 will participate in professional development which includes instructional strategies to develop critical thinking skills in Social Studies, English Language Arts, and Science classes using appropriate digital tools and resources to conduct research, prepare reports, complete evidence-based writing assignments and projects, solve problems, and make informed decisions.

Category:

Research Cited: Fisher and Frey

Activity - Face-to-face workshops on student active engagement	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers will participate in workshops which feature active engagement by students including the use of technology tools to research and develop projects.	Professional Learning	09/10/2015	12/01/2016	\$0 - No Funding Required	Curriculum Coordinator, Instructional Coach, Principal

Activity - One-to-one Professional Development on Maximizing the use of interactive whiteboards	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers who have not mastered all of the attributes of the interactive whiteboard will participate in professional development as needed.	Professional Learning	08/05/2014	06/01/2016	\$0 - No Funding Required	Teachers, Principal, Curriculum Coordinator

Measurable Objective 2:

85% of Kindergarten, First, Second and Third grade Economically Disadvantaged students will demonstrate a proficiency in using digital media to master Reading Foundational Skills in Reading by 05/01/2020 as measured by formative (STAR Reading) and benchmark (Pearson) assessments.

Strategy1:

Reading Apps for High Need Students - Flat Rock School will use appropriate apps to help struggling readers to develop the Reading Foundational Skills in the Alabama College and Career Ready Standards.

Category:

Research Cited:

Activity - iPad Management and Support	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Flat Rock School will utilize the district support system which allows student iPads to access the Internet and the instructional apps within the confines of the CIPA requirements.	Technology	01/15/2014	05/01/2020	\$0 - No Funding Required	Principal, Technology Coach, Teachers

Measurable Objective 3:

100% of All Students will demonstrate a proficiency in keyboarding skills by grade eight in Career & Technical by 05/31/2017 as measured by locally developed benchmark assessment.

Strategy1:

Alabama Technology Plan: Transform 2020

Flat Rock School

Keyboarding Instruction - All students will participate in keyboarding classes based on the Alabama Technology Course of Study.

Category:

Research Cited:

Activity - Scheduling Keyboarding Lessons	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Flat Rock School will schedule keyboarding lessons for students as per the Alabama Technology Course of Study.	Direct Instruction	09/04/2015	01/04/2016	\$0 - No Funding Required	Teachers, Principal, Curriculum Coordinator

Activity - Assessment of Student Keyboarding Skills	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Keyboarding skills of students in grades 5 through 8 will be assessed annually or until a student demonstrates mastery on a district-developed assessment.	Direct Instruction	05/27/2016	05/29/2020	\$0 - No Funding Required	Teachers, Principal, Technology Coordinator

Measurable Objective 4:

70% of Fifth, Sixth, Seventh and Eighth grade students will demonstrate a proficiency in creative and critical thinking expertise, effective collaborative communication skills, and in content knowledge in Science and in Mathematics by 05/29/2020 as measured by proficiency scores on the ACT Aspire STEM assessment.

Strategy1:

Professional Development for STEM teachers - The implementation, the expansion, or the sustainment of robotics classes in the middle school grades will be supported by professional development.

Category:

Research Cited:

Activity - Teacher Collaboration on STEM projects	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Instructional/technical support staff will maintain a dynamic Moodle site and assist teachers as they create project-based content on the course management program.	Technology	11/14/2014	01/02/2017	\$0 - No Funding Required	Assistant Technology Coordinator

Activity - Observations of project-based robotics classes	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers will observe project-based robotics classes in the district schools where they are implemented.	Professional Learning	10/01/2015	12/01/2016	\$14000 - District Funding	Curriculum Coordinator, Principal, Selected Teachers

Activity - Hands-on Professional Development for STEM Teachers on Robotics	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
STEM teachers who have not had training on implementing a project-based robotics program will participate in hands-on workshops.	Professional Learning	10/07/2015	04/29/2016	\$0 - No Funding Required	Curriculum Coordinator

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Flat Rock School

Activity - Teacher Mentoring	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers who have successfully implemented project-based robotics classes will serve as mentors for teachers who will strive to implement the program in other schools.	Professional Learning	10/07/2015	01/02/2017	\$0 - No Funding Required	Curriculum Coordinator, Principals, Selected Teachers

Goal 2:

Prepare and support teachers and leaders to graduate College and Career-Ready students 2015

Measurable Objective 1:

collaborate to ensure that Educational Administrators promote an environment of professional learning and innovation that empowers educators to enhance student learning through the infusion of digital resources by 05/31/2017 as measured by the Transform 2020 Teacher Survey.

Strategy1:

Evaluate Student Engagement with Digital Resources - The Principal will include the active engagement of students with an emphasis on engagement with digital resources in their evaluation process using the Effective Learning Environment Tool.

Category:

Research Cited:

Activity - Implementation of Effective Learning Environment Observation Tool	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The Principal 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	10/19/2015	01/02/2017	\$0 - No Funding Required	Principal, Curriculum / Technology Coordinator

Activity - Preparing Principals to Evaluate Technology Use	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Principals will participate in training in the use of the Effective Learning Environment Observation Tool.	Policy and Process	02/04/2015	01/02/2020	\$0 - No Funding Required	Principal, Curriculum Coordinator

Activity - Alabama Educational Technology Conference	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The Principal will attend an educational technology conference, such as the Alabama Educational Technology Conference at least once every two years.	Professional Learning	10/15/2014	07/03/2017	\$3000 - District Funding	Superintendent, Curriculum / Technology Coordinator, Principal

Measurable Objective 2:

Alabama Technology Plan: Transform 2020

Flat Rock School

collaborate to ensure that all teachers use technology and digital resources to provide standards-based instruction and authentic learning activities in all content areas of responsibility to facilitate real-life experience that advance student learning by 01/01/2019 as measured by Transform 2020 Teacher Surveys and Principal Observation Checklists.

Strategy1:

Maximize the Use of Existing Technology tools and Digital Resources - As result of ongoing 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:

Research Cited:

Activity - Whiteboard training Focusing on Student Engagement	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers at Flat Rock School will participate in training sessions which emphasize student engagement in using interactive whiteboards.	Professional Learning	01/01/2015	12/01/2017	\$0 - No Funding Required	Instructional Coaches, School Technology Coordinators, Principals, Curriculum / Technology Coordinator

Activity - One-to-One Assistance with ALEX	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The Instructional Coach will follow the professional development that they have done with teachers about using the ALEX website with individual teacher conversations about usage and will work with all teachers who have not set up a personal account on ALEX to assist in that process. Further, they will provide hands-on assistance for those teachers once their account has been established.	Professional Learning	10/01/2014	01/02/2018	\$0 - No Funding Required	Instructional Coaches, 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 12/16/2016 as measured by Transform 2020 Teacher Surveys and Administrator Surveys.

Strategy1:

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:

Research Cited:

Activity - Maximize the Use of Moodle	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers will use Moodle with students as a content delivery method, a means of collecting student work, and assessment tool, and a communication tool.	Professional Learning	10/15/2014	05/31/2017	\$0 - No Funding Required	Assistant Technology Coordinator

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Activity - Communicating with the Community through the District Website	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Flat Rock School will collaborate with the district webmaster to enhance the district website by including student academic performance data, more detailed descriptions of programs and accomplishments, and highlighting school and student accomplishments.	Community Engagement	10/15/2014	05/31/2017	\$0 - No Funding Required	Technology Coordinator, IT Staff, School Secretary

Activity - Communicating with Parents through Teacher Websites	Activity Type	Begin Date	End Date	Funding Amount & Source	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	10/15/2014	12/22/2017	\$0 - No Funding Required	Principal, Instructional Coach

Strategy2:

Implement video Streaming on the district website - Flat Rock School will implement usage of the video streaming feature on the district website. It will deliver video or real-time events for the district and individual schools.

Category:

Research Cited:

Activity - Professional Development on Video Streaming Feature	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Online professional development on the use of the website videostreaming feature will be available for teachers.	Professional Learning	10/15/2015	12/22/2017	\$0 - No Funding Required	Assistant Technology Coordinator, Principals, teachers

Goal 3:

Ensure that all educators and students will have tools to access a comprehensive viable infrastructure when and where they need it. 2015

Measurable Objective 1:

collaborate to add viable access points/arrays and switches to support every classroom so that all students, teachers, and administrators can access network and internet based resources when a one-to-one ratio of students to computers is reached by 07/01/2016 as measured by network speed and monitoring reports.

Strategy1:

Wireless Network Upgrade - The district will upgrade the network switches and install additional wireless arrays to support the increasing number of wireless devices. The district will complete the process required to access funding committed to the district by the Schools and Libraries Division of the Universal Service Administrative Company for this purpose.

Category:

Research Cited:

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Flat Rock School

Activity - Installation of Equipment	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The IT staff will purchase wireless arrays and switches, install the equipment, and complete the process of receiving funding from the Universal Service Corporation.	Technology	12/01/2015	06/30/2016	\$0 - No Funding Required	Technology Coordinator, Network Administrator, IT Staff

Measurable Objective 2:

collaborate to ensure that every student, teacher, and administrator has access to an Internet Connected Device by 01/02/2017 as measured by Technology Inventory.

Strategy1:

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 100 Mbps to 400 Mbps at all schools.

Category:

Research Cited:

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	01/04/2016	06/30/2016	\$0 - No Funding Required	Technology coordinator, Network Administrator

Activity - Erate Application for WAN Connectivity	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The school district will issue a Request for Proposals for a contract to provide a fiber network connecting all schools, the Central Office, and the bus garage at 1 Gig. The Data Center will be connected at 10 Gigs. An application will be filed with the Schools and Libraries Division of the Universal Service Administration for funding.	Technology	11/20/2015	06/30/2016	\$0 - No Funding Required	Technology Coordinator, Network Administrator

Strategy2:

Classroom Purchase and Installation of Apple TV connectors - Every classroom will have an Apple TV connector installed to the already existing TV

Category:

Research Cited:

Activity - Purchase and Installation of Apple TV connectors	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Apple TV connectors will be purchased and installed to all of the classrooms that do not yet have them installed.	Technology	12/01/2015	05/30/2016	\$750 - Other	Principal, Technology Coach

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 technology inventory.

Strategy1:

Replacing inadequate computers and purchasing additional computers - The district will replace 268 inadequate CPUs and accompanying analog monitors with laptop computers.

Category:

Research Cited:

Activity - Advocacy 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	12/29/2017	\$0 - No Funding Required	Superintendent, Administrators, Teachers, Technology Coordinator

Activity - One-to-One Initiative	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will execute a lease for digital devices for 2000 student use as an initial step toward a 1:1 initiative.	Technology	10/17/2016	05/25/2018	\$0 - No Funding Required	Alabama Legislators, Jackson County Superintendent, Jackson County Board of Education, Technology Coordinator

2015-2016 Plan for Alabama Technology Plan: Transform 2020

Overview

Plan Name

2015-2016 Plan for Alabama Technology Plan: Transform 2020

Plan Description

Goals Summary

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

#	Goal Name	Goal Details	Goal Type	Total Funding
1	Engage and empower the learner through technology 2015	Objectives: 4 Strategies: 4 Activities: 7	Academic	\$14000
2	Prepare and support teachers and leaders to graduate College and Career-Ready students 2015	Objectives: 3 Strategies: 4 Activities: 10	Organizational	\$5400
3	Ensure that all educators and students will have tools to access a comprehensive viable infrastructure when and where they need it. 2015	Objectives: 5 Strategies: 5 Activities: 8	Organizational	\$0

Goal 1: Engage and empower the learner through technology 2015

Measurable Objective 1:

70% of Fifth, Sixth, Seventh and Eighth grade students will demonstrate a proficiency in creative and critical thinking expertise, effective collaborative communication skills, and in content knowledge in Science and in Mathematics by 05/29/2020 as measured by proficiency scores on the ACT Aspire STEM assessment.

Strategy 1:

Professional Development for STEM teachers - The implementation, the expansion, or the sustainment of robotics classes in the middle school grades will be supported by professional development.

Category:

Activity - Observations of project-based robotics classes	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will observe project-based robotics classes in the district schools where they are implemented.	Professional Learning	10/01/2015	12/01/2016	\$14000	District Funding	Curriculum Coordinator, Principal, Selected Teachers
Activity - Hands-on Professional Development for STEM Teachers on Robotics	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
STEM teachers who have not had training on implementing a project-based robotics program will participate in hands-on workshops.	Professional Learning	10/07/2015	04/29/2016	\$0	No Funding Required	Curriculum Coordinator

Measurable Objective 2:

85% of Kindergarten, First, Second and Third grade Economically Disadvantaged students will demonstrate a proficiency in using digital media to master Reading Foundational Skills in Reading by 05/01/2020 as measured by formative (STAR Reading) and benchmark (Pearson) assessments.

Strategy 1:

Reading Apps for High Need Students - Flat Rock School will use appropriate apps to help struggling readers to develop the Reading Foundational Skills in the Alabama College and Career Ready Standards.

Category:

Activity - iPad Management and Support	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Flat Rock School will utilize the district support system which allows student iPads to access the Internet and the instructional apps within the confines of the CIPA requirements.	Technology	01/15/2014	05/01/2020	\$0	No Funding Required	Principal, Technology Coach, Teachers

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Measurable Objective 3:

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, share, and present information in Social Studies and in English Language Arts by 05/01/2020 as measured by project assessment guides and benchmark assessments.

Strategy 1:

Critical Thinking Skills Professional Development - Teachers in grades 4 through 8 will participate in professional development which includes instructional strategies to develop critical thinking skills in Social Studies, English Language Arts, and Science classes using appropriate digital tools and resources to conduct research, prepare reports, complete evidence-based writing assignments and projects, solve problems, and make informed decisions.

Category:

Research Cited: Fisher and Frey

Activity - One-to-one Professional Development on Maximizing the use of interactive whiteboards	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers who have not mastered all of the attributes of the interactive whiteboard will participate in professional development as needed.	Professional Learning	08/05/2014	06/01/2016	\$0	No Funding Required	Teachers, Principal, Curriculum Coordinator

Activity - Face-to-face workshops on student active engagement	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will participate in workshops which feature active engagement by students including the use of technology tools to research and develop projects.	Professional Learning	09/10/2015	12/01/2016	\$0	No Funding Required	Curriculum Coordinator, Instructional Coach, Principal

Measurable Objective 4:

100% of All Students will demonstrate a proficiency in keyboarding skills by grade eight in Career & Technical by 05/31/2017 as measured by locally developed benchmark assessment.

Strategy 1:

Keyboarding Instruction - All students will participate in keyboarding classes based on the Alabama Technology Course of Study.

Category:

Activity - Assessment of Student Keyboarding Skills	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Keyboarding skills of students in grades 5 through 8 will be assessed annually or until a student demonstrates mastery on a district-developed assessment.	Direct Instruction	05/27/2016	05/29/2020	\$0	No Funding Required	Teachers, Principal, Technology Coordinator

Activity - Scheduling Keyboarding Lessons	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Flat Rock School will schedule keyboarding lessons for students as per the Alabama Technology Course of Study.	Direct Instruction	09/04/2015	01/04/2016	\$0	No Funding Required	Teachers, Principal, Curriculum Coordinator
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Goal 2: Prepare and support teachers and leaders to graduate College and Career-Ready students 2015

Measurable Objective 1:

collaborate to ensure that all teachers use technology and digital resources to provide standards-based instruction and authentic learning activities in all content areas of responsibility to facilitate real-life experience that advance student learning by 01/01/2019 as measured by Transform 2020 Teacher Surveys and Principal Observation Checklists.

Strategy 1:

Maximize the Use of Existing Technology tools and Digital Resources - As result of ongoing 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:

Activity - One-to-One Assistance with ALEX	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Instructional Coach will follow the professional development that they have done with teachers about using the ALEX website with individual teacher conversations about usage and will work with all teachers who have not set up a personal account on ALEX to assist in that process. Further, they will provide hands-on assistance for those teachers once their account has been established.	Professional Learning	10/01/2014	01/02/2018	\$0	No Funding Required	Instructional Coaches, Curriculum / Technology Coordinator

Activity - Whiteboard training Focusing on Student Engagement	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers at Flat Rock School will participate in training sessions which emphasize student engagement in using interactive whiteboards.	Professional Learning	01/01/2015	12/01/2017	\$0	No Funding Required	Instructional Coaches, School Technology Coordinators, Principals, Curriculum / Technology Coordinator

Activity - Mini-Workshops on Specific Features of the Microsoft Office Suite	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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Alabama Technology Plan: Transform 2020

Flat Rock School

Teachers use the Microsoft Office Suite as productivity tools. To ensure that teachers are able to take advantage of all these programs have to offer, mini-workshops will be provided to focus on special features. For example; the review feature of Word, the chart making feature of Excel, and the sorting feature in ACCESS have direct application to teacher productivity.	Professional Learning	11/03/2014	12/01/2017	\$0	No Funding Required	Technology Coordinator, School Technology Coordinator
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Activity - Teacher Observation of Exemplary Lessons	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Flat Rock teachers will be provided the opportunity to observe other teachers demonstrating exemplary lessons during which students are actively using digital tools and resources.	Professional Learning	10/15/2014	12/01/2017	\$5400	District Funding	Curriculum / Technology Coordinator, School Technology Coordinators, Principals

Measurable Objective 2:

collaborate to ensure that Educational Administrators promote an environment of professional learning and innovation that empowers educators to enhance student learning through the infusion of digital resources by 05/31/2017 as measured by the Transform 2020 Teacher Survey.

Strategy 1:

Evaluate Student Engagement with Digital Resources - The Principal will include the active engagement of students with an emphasis on engagement with digital resources in their evaluation process using the Effective Learning Environment Tool.

Category:

Activity - Preparing Principals to Evaluate Technology Use	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Principals will participate in training in the use of the Effective Learning Environment Observation Tool.	Policy and Process	02/04/2015	01/02/2020	\$0	No Funding Required	Principal, Curriculum Coordinator

Activity - Implementation of Effective Learning Environment Observation Tool	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Principal 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	10/19/2015	01/02/2017	\$0	No Funding Required	Principal, 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 12/16/2016 as measured by Transform 2020 Teacher Surveys and 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:

Activity - Maximize the Use of Moodle	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will use Moodle with students as a content delivery method, a means of collecting student work, and assessment tool, and a communication tool.	Professional Learning	10/15/2014	05/31/2017	\$0	No Funding Required	Assistant Technology Coordinator
Activity - Communicating 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	10/15/2014	12/22/2017	\$0	No Funding Required	Principal, Instructional Coach
Activity - Communicating with the Community through the District Website	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Flat Rock School will collaborate with the district webmaster to enhance the district website by including student academic performance data, more detailed descriptions of programs and accomplishments, and highlighting school and student accomplishments.	Community Engagement	10/15/2014	05/31/2017	\$0	No Funding Required	Technology Coordinator, IT Staff, School Secretary

Strategy 2:

Implement video Streaming on the district website - Flat Rock School will implement usage of the video streaming feature on the district website. It will deliver video or real-time events for the district and individual schools.

Category:

Activity - Professional Development on Video Streaming Feature	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Online professional development on the use of the website videostreaming feature will be available for teachers.	Professional Learning	10/15/2015	12/22/2017	\$0	No Funding Required	Assistant Technology Coordinator, Principals, teachers

Goal 3: Ensure that all educators and students will have tools to access a comprehensive viable infrastructure when and where they need it. 2015

Measurable Objective 1:

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collaborate to ensure that every student, teacher, and administrator has access to an Internet Connected Device by 01/02/2017 as measured by Technology Inventory.

Strategy 1:

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 100 Mbps to 400 Mbps at all schools.

Category:

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	01/04/2016	06/30/2016	\$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 issue a Request for Proposals for a contract to provide a fiber network connecting all schools, the Central Office, and the bus garage at 1 Gig. The Data Center will be connected at 10 Gigs. An application will be filed with the Schools and Libraries Division of the Universal Service Administration for funding.	Technology	11/20/2015	06/30/2016	\$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 07/01/2016 as measured by Transform 2020 and CIP surveys.

Strategy 1:

Continue to Provide Voice Over IP Services - As a result of the rule changes by the USAC, the district must take steps to continue to provide VOIP services to all classrooms, other instructional spaces such as gyms, and all offices in the school district. The district will enter into an agreement for the lease of VOIP handsets and develop a new, affordable VOIP management system.

Category:

Activity - Executing a Lease for VOIP Handsets	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
At the conclusion of a current contract which includes the lease of VOIP handsets and the management system to support them, the district issue a RFP and execute a contract for handsets.	Technology	01/20/2015	06/30/2016	\$0	No Funding Required	Technology Coordinator, Network Administrator

Activity - Erate for VOIP Management	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
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The district will issue an RFP for VOIP management and will file for funding through the Universal Services Administration if a feasible bid is received	Technology	01/04/2016	06/30/2016	\$0	No Funding Required	Technology coordinator, Network Administrator, IT Staff
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Measurable Objective 3:

collaborate to add viable access points/arrays and switches to support every classroom so that all students, teachers, and administrators can access network and internet based resources when a one-to-one ratio of students to computers is reached by 07/01/2016 as measured by network speed and monitoring reports.

Strategy 1:

Wireless Network Upgrade - The district will upgrade the network switches and install additional wireless arrays to support the increasing number of wireless devices. The district will complete the process required to access funding committed to the district by the Schools and Libraries Division of the Universal Service Administrative Company for this purpose.

Category:

Activity - Installation of Equipment	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The IT staff will purchase wireless arrays and switches, install the equipment, and complete the process of receiving funding from the Universal Service Corporation.	Technology	12/01/2015	06/30/2016	\$0	No Funding Required	Technology Coordinator, Network Administrator, 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 technology inventory.

Strategy 1:

Replacing inadequate computers and purchasing additional computers - The district will replace 268 inadequate CPUs and accompanying analog monitors with laptop computers.

Category:

Activity - One-to-One Initiative	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will execute a lease for digital devices for 2000 student use as an initial step toward a 1:1 initiative.	Technology	10/17/2016	05/25/2018	\$0	No Funding Required	Alabama Legislators, Jackson County Superintendent, Jackson County Board of Education, Technology Coordinator

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Activity - Advocacy 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	12/29/2017	\$0	No Funding Required	Superintendent, Administrators, Teachers, Technology Coordinator

Measurable Objective 5:

collaborate to ensure the integrity of school LANS through equipment replacement by 06/30/2017 as measured by inventory analysis.

Strategy 1:

Network Equipment Replacement - The district will issue and RFP for switches to replace end-of-life switches after which it will apply for funding form the Universal Services Corporation.

Category:

Activity - Erate Application for Switches	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The district will issue and RFP for switches to replace end-of-life switches after which it will apply for funding form the Universal Services Corporation.	Technology	01/04/2016	06/30/2016	\$0	No Funding Required	Technology coordinator, Network Administrator

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

District Funding

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Teacher Observation of Exemplary Lessons	Flat Rock teachers will be provided the opportunity to observe other teachers demonstrating exemplary lessons during which students are actively using digital tools and resources.	Professional Learning	10/15/2014	12/01/2017	\$5400	Curriculum / Technology Coordinator, School Technology Coordinators, Principals
Observations of project-based robotics classes	Teachers will observe project-based robotics classes in the district schools where they are implemented.	Professional Learning	10/01/2015	12/01/2016	\$14000	Curriculum Coordinator, Principal, Selected Teachers
Total					\$19400	

No Funding Required

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Scheduling Keyboarding Lessons	Flat Rock School will schedule keyboarding lessons for students as per the Alabama Technology Course of Study.	Direct Instruction	09/04/2015	01/04/2016	\$0	Teachers, Principal, Curriculum Coordinator
Communicating with the Community through the District Website	Flat Rock School will collaborate with the district webmaster to enhance the district website by including student academic performance data, more detailed descriptions of programs and accomplishments, and highlighting school and student accomplishments.	Community Engagement	10/15/2014	05/31/2017	\$0	Technology Coordinator, IT Staff, School Secretary
Whiteboard training Focusing on Student Engagement	Teachers at Flat Rock School will participate in training sessions which emphasize student engagement in using interactive whiteboards.	Professional Learning	01/01/2015	12/01/2017	\$0	Instructional Coaches, School Technology Coordinators, Principals, Curriculum / Technology Coordinator

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Mini-Workshops on Specific Features of the Microsoft Office Suite	Teachers use the Microsoft Office Suite as productivity tools. To ensure that teachers are able to take advantage of all these programs have to offer, mini-workshops will be provided to focus on special features. For example; the review feature of Word, the chart making feature of Excel, and the sorting feature in ACCESS have direct application to teacher productivity.	Professional Learning	11/03/2014	12/01/2017	\$0	Technology Coordinator, School Technology Coordinator
Erate for VOIP Management	The district will issue an RFP for VOIP management and will file for funding through the Universal Services Administration if a feasible bid is received	Technology	01/04/2016	06/30/2016	\$0	Technology coordinator, Network Administrator, IT Staff
Professional Development on Video Streaming Feature	Online professional development on the use of the website videostreaming feature will be available for teachers.	Professional Learning	10/15/2015	12/22/2017	\$0	Assistant Technology Coordinator, Principals, teachers
iPad Management and Support	Flat Rock School will utilize the district support system which allows student iPads to access the Internet and the instructional apps within the confines of the CIPA requirements.	Technology	01/15/2014	05/01/2020	\$0	Principal, Technology Coach, Teachers
One-to-One Initiative	The district will execute a lease for digital devices for 2000 student use as an initial step toward a 1:1 initiative.	Technology	10/17/2016	05/25/2018	\$0	Alabama Legislators, Jackson County Superintendent, Jackson County Board of Education, Technology Coordinator
One-to-One Assistance with ALEX	The Instructional Coach will follow the professional development that they have done with teachers about using the ALEX website with individual teacher conversations about usage and will work with all teachers who have not set up a personal account on ALEX to assist in that process. Further, they will provide hands-on assistance for those teachers once their account has been established.	Professional Learning	10/01/2014	01/02/2018	\$0	Instructional Coaches, Curriculum / Technology Coordinator
Advocacy 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	12/29/2017	\$0	Superintendent, Administrators, Teachers, Technology Coordinator
Communicating 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	10/15/2014	12/22/2017	\$0	Principal, Instructional Coach

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Face-to-face workshops on student active engagement	Teachers will participate in workshops which feature active engagement by students including the use of technology tools to research and develop projects.	Professional Learning	09/10/2015	12/01/2016	\$0	Curriculum Coordinator, Instructional Coach, Principal
Erate Application for WAN Connectivity	The school district will issue a Request for Proposals for a contract to provide a fiber network connecting all schools, the Central Office, and the bus garage at 1 Gig. The Data Center will be connected at 10 Gigs. An application will be filed with the Schools and Libraries Division of the Universal Service Administration for funding.	Technology	11/20/2015	06/30/2016	\$0	Technology Coordinator, Network Administrator
One-to-one Professional Development on Maximizing the use of interactive whiteboards	Teachers who have not mastered all of the attributes of the interactive whiteboard will participate in professional development as needed.	Professional Learning	08/05/2014	06/01/2016	\$0	Teachers, Principal, Curriculum Coordinator
Maximize the Use of Moodle	Teachers will use Moodle with students as a content delivery method, a means of collecting student work, and assessment tool, and a communication tool.	Professional Learning	10/15/2014	05/31/2017	\$0	Assistant Technology Coordinator
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	01/04/2016	06/30/2016	\$0	Technology coordinator, Network Administrator
Erate Application for Switches	The district will issue and RFP for switches to replace end-of-life switches after which it will apply for funding form the Universal Services Corporation.	Technology	01/04/2016	06/30/2016	\$0	Technology coordinator, Network Administrator
Implementation of Effective Learning Environment Observation Tool	The Principal 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	10/19/2015	01/02/2017	\$0	Principal. Curriculum / Technology Coordinator
Hands-on Professional Development for STEM Teachers on Robotics	STEM teachers who have not had training on implementing a project-based robotics program will participate in hands-on workshops.	Professional Learning	10/07/2015	04/29/2016	\$0	Curriculum Coordinator
Installation of Equipment	The IT staff will purchase wireless arrays and switches, install the equipment, and complete the process of receiving funding from the Universal Service Corporation.	Technology	12/01/2015	06/30/2016	\$0	Technology Coordinator, Network Administrator, IT Staff
Executing a Lease for VOIP Handsets	At the conclusion of a current contract which includes the lease of VOIP handsets and the management system to support them, the district issue a RFP and execute a contract for handsets.	Technology	01/20/2015	06/30/2016	\$0	Technology Coordinator, Network Administrator

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Assessment of Student Keyboarding Skills	Keyboarding skills of students in grades 5 through 8 will be assessed annually or until a student demonstrates mastery on a district-developed assessment.	Direct Instruction	05/27/2016	05/29/2020	\$0	Teachers, Principal, Technology Coordinator
Preparing Principals to Evaluate Technology Use	Principals will participate in training in the use of the Effective Learning Environment Observation Tool.	Policy and Process	02/04/2015	01/02/2020	\$0	Principal, Curriculum Coordinator
Total					\$0	