Alabama Technology Plan

Blount County Board of Education

Mr. Rodney Green
204 Second Avenue East
Oneonta, AL 35121

TABLE OF CONTENTS

Alabama Technology Plan: 2018.2021

Executive Summary

Introduction

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

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

Description of the School System

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

School System

Blount County Schools currently enrolls approximately 7700 students and employs just over 922 professional and support personnel. The student population is made up of approximately 85% White, 13% Hispanic, 1% African-American, and 1% other ethnicities. Free or reduced lunches are served to approximately 57% of our students. The system is composed of 14 schools made up of the following divisions: one each K-2, 3-4, 5-7, and 8-12; two K-12, four K-6 and four 7-12. Blount County also has a Bridge Academy (virtual high school program), Career Technical Center (vocational training), a Learning Center (special education services), and an Alternative School (disciplinary setting).

The system's graduation rate has improved by 25% over the past three years. Currently, the district four-year cohort graduation rate is 93%. In addition, all six high schools have shown significant improvement in graduation rate, with some improvement as much as 30%. The Dropout Cohort is at 2% which has remained constant since 2015.

With minimal funding, appropriate resources are always a concern. Population growth, especially in the southwest portion of the county, has to be considered when looking at major trends and issues for the school system. The Hayden area is the only portion of the district served by four schools and makes up a third of the student population. The primary reason for this is the fact that Interstate 65 runs through this part of the county creating a "bedroom" community for the Birmingham/Jefferson County area. An enrollment shift continues to take place in the southern end of the county as a K-8 school transitions to a K-12. Southeastern School graduated its first senior class in the spring of 2015. Student population has decreased at Locust Fork High School as students zoned for Southeastern remain there for their 9-12 career. Southeastern has also seen an increase in the number of English Learners (EL) enrolled. EL students make up 13% of the district's enrollment. They are served by eight EL staff members and a Migrant Coordinator who serves as a liaison between school and home, as well as a translator for schools and the district.

The Blount County School district strives to meet the varied needs of our students, including health and nutritional needs. School nurses serve our students with medical needs and provide valuable support in preventing unnecessary absences. Health Services programs have received state recognition for providing health and dental screenings in collaboration with nursing students from Wallace State Community College and Karing for Kids, a Blount County organization devoted to minimizing attendance issues through identifying health needs. Nutritional needs are a priority for the district as over half of the student population receive free and reduced meals. Serving breakfast and providing nutritional snacks is important to our Child Nutrition department as Alabama is identified as a leading state in childhood obesity. All snacks sold in our cafeterias meet USDA's Smart Snack Guidelines. Breakfast and Lunch menus meet USDA federal regulation brought about by the Healthy Hunger Free Kids Act of 2010 which promotes/mandates a variety of fresh fruits and vegetables be offered as part of our menu. Beginning in the summer 2016, we began hosting a summer feeding program for children 18 years and under. This program provides a meal at no cost to ANY child 18 and under that visits one of our summer feeding sites.

One of Blount County's greatest strengths is its quality staff. Blount County Schools employs 553 certified personnel consisting of 38% with

Bachelor's degrees, 51% with Master's degrees, 10% with Education Specialists degrees, and 1% with Doctoral degrees. Nineteen teachers have reached National Board Certified Teachers status. All of Blount County's career technical teachers are BIC (Business and Industry Certification) Certified.

Community

 Blount County's government was organized in 1818 making it a political entity that is actually older than the state. It lies in the Cumberland Plateau section of the Appalachian Plateau of Alabama. The current population exceeds 57,670 which is almost an 11% increase since 2000, making Blount County the sixth fastest growing population in the state. The median household income is approximately $46,500 with 16.5% of all persons living below the poverty level. The ethnic make-up of the county is 87.7% White, 8.7% Hispanic, 1.5% African-American, and 1.3% other ethnicities. The population age breakdown for the county is 24.6% under 18, 14.7% over 65, and a median age of 39.0 years. The current unemployment rate is 3.4% which is lower than the state average. The 2011 Alabama Kids Count Databook ranked each of the state's 67 counties as to the quality of life for their children. Using 19 indicators of child and family well-being, Blount County was ranked as the second best county in which to raise a child. The Blount County Board of Education is the largest employer for the county with 922 employees followed by Tyson Foods and Walmart with approximately 650 and 300 employees respectively.

System's Purpose

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

"Build, Create, Succeed" is the mission statement of the Blount County School System. With this vision, the superintendent and the system's staff are Building partnerships, Creating opportunites, and preparing students to Succeed in life. The State Board of Education has adopted "Every Child a Graduate. Every Graduate Prepared." which pushes each system to focus on not only graduating students, but having them prepared for career and/or college. Blount County Schools' students, faculty, and staff believe that:

*Education is a partnership among schools, families, and communities

*Our schools should be safe and positive learning environments.

*Quality instruction provides students the opportunity to learn

*Students should be actively engaged in the learning process.

*Education should lead students to set goals, develop a vision for their future, and become productive citizens.

*We must respond to identified needs for improvement.

All of the principles mentioned above are shrouded in the ideas of:

- College and/or Career Readiness for Every Student

- A Commitment to Continuous Improvement

- A Positive, Collaborative, and Safe Learning Culture

The Blount County School System embodies its purpose through providing training for leaders and teachers so that all employees of the district share expectations for producing college and career ready students. Developing and supporting instructional leadership is a key to meeting the beliefs and principles listed above. To that end, all principals and assistant principals participate in professional development that incorporates classroom visits, book studies, and the LEAD Alabama evaluation process that focuses on improving instruction and increasing expectations for students. Currently, administrators and aspiring administrators are completing a book study on High Impact Instruction, as well as collaborating to lead the implementation of College and Career Ready Standards in all of our schools. System leaders recognize the need to provide additional support to new administrators. In the fall of 2012 a former principal was added as a consultant for novice principals and assistant principals as they learn to balance the managerial requirements of leading a school with the instructional expectations that should be the focal point of the position.

Teacher training, knowledge and engagement in professional learning are key to raising expectations for all students. This is of utmost importance as we find ourselves in a time of transition due to changes in standards and the assessment system. To meet this need, each school is represented by teacher leaders who serve on various professional learning teams. The College and Career Readiness Implementation Team receives training from the Alabama State Department of Education. The Math Resource Team, Science Resource Team, Social Studies Resource Team, and the Language Arts Resource Team have been created at the system level with the purpose of working collaboratively to identify power standards, develop lessons, units and other resources for teachers in all schools. 6th, 7th and 8th grade teachers have been trained by SREB or the local trainer during the summer and the 2016-2017 school year for the Literacy Design Collaborative and the Mathematics Design Collaborative initiative. These efforts will be supported by district-level support which will leverage implementation at the classroom level. Google Apps for Education was implemented beginning with the 2016-2017 school year. All teachers have access to Google Drive where resources can be shared among our local teachers and administrators. Local school administrators

share the view that student achievement improves through collaboration and have devoted time and money for teachers to participate in site visits at other schools.

A key principle of Blount County Schools is creating a positive, collaborative, and safe learning culture. Programs for students help to promote the purpose of the system. Programs such as the Ambassador training, "Leader in Me" training, Character Education, Anti-Bullying training, Too Good for Drugs, Too Good for Violence and the like lend themselves to the goals of the system.

Professional learning for both leaders and teachers is planned and implemented based on supporting the mission and beliefs of the district. This is also true of the programs related to improving school culture. Efforts are made to monitor the impact of professional learning and school culture programs on instructional practice and student achievement. These efforts illustrate our expectations for student learning as we implement a continuous improvement process in all schools. District leaders are members of the District Improvement Team. Each member serves one (or more) schools and participates in data meetings, walk-throughs, and professional learning opportunities that are based on the schools' continuous improvement plans. Each plan focuses on college and career readiness, continuous improvement and a safe and collaborative learning culture. While this is not a perfect process, we believe that our commitment to an ongoing improvement process embodies our mission, vision and beliefs.

Notable Achievements and Areas of Improvement

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

The past three years have seen numerous changes in the Blount County School District. An improved graduation rate, a more focused effort to meet the needs of struggling students, improvements in technology and safety measures are all part of the Blount County Schools Strategic Plan that was developed in 2017.

Strides have been made to provide a cohesive, focused plan for the district through the Strategic Plan. The plan centers on five goals that are vital to the improvement process of our school system. Each year, the District Improvement Team partners with stakeholders to identify specific target strategies that are most important for the current school year. These targets drive planning and continuous improvement efforts at both the system of the school levels.

"Create and provide educational opportunities that build critical life skills for success" has been identified as the first goal of the "Strategic Plan." District focus is on developing K-12 expectations for explicitly teaching and practicing life skills, such as organization, communication, goal setting, responsibility, financial literacy, and teamwork. Our curriculum must ensure a guaranteed and viable K-12 core curriculum which strengthens and builds critical thinking and problem-solving skills. We strive to provide engaging learning experiences with the use of technology, tools, resources, and other hands-on opportunities.

"Foster an engaged community that is actively involved in promoting student success" is the second goal of our plan. District leadership recognized the need to create partnerships among stakeholders to build support for all students. To partner with local businesses, colleges and universities to truly identify what is meant by "college and career readiness." Through a series of panel discussions, teacher leaders were able to identify the strengths and weakness of our graduates as they relate the world of work or the college setting. These discussions have driven conversations about how to apply content to real world situations through a problem-solving approach.

"Recruit, hire, develop, and retain highly effective employees who are fully committed to student success " is the third goal of our plan. We incorporate best practices in hiring, developing, and retaining employees and expand opportunities for mentoring and professional growth for all staff. Our recruitment strategies highlight the benefits of working in Blount County Schools.

The fourth goal of the Strategic Plan is to "maintain effective stewardship of current financial resources while seeking additional revenue streams to maximize learning." With all the improvements mentioned above and considering the present nature of the economy, the system still manages to maintain a strong fund balance which surpasses the state required guidelines. We continue to proactively seek additional resources.

Our fifth and final goal is to "maintain and enhance a comprehensive support system to ensure opportunities for success." Another improvement made in the area of providing a constructive learning environment where everyone feels safe is the system's commitment to ensuring all campuses are safe and secure. Cameras and automatic locking mechanisms have been placed at all main entrances. Safety drills and "table-top" drills are held in all schools on a regular basis. The system also requires safety training for all staff members. During the 2018-2019 school year, Raptorware scanners were installed at every school to help screen out registered sex offenders, manage custody issues, coordinate volunteers, and respond to emergencies. Our School Resource Officers are located at each school to preserve order and promote safety on campus.

In addition, Blount County has received a grant from United Way and Community Foundation of Greater Birmingham and will be using Title 4 District Funds for sustaining efforts for Mental Health Improvements. The purpose is to expand upon current supports for students and families that are in need of mental health services through Gateway Family Solutions for their Go2U School-Based Counseling Program. We'll be using the data collected from this screener three times per year to identify students that may benefit from the program. A school-based counselor has been hired to serve 2 of our schools and will initiate services based on referrals from the Blount County Social worker.

The Strategic Plan goals of "promoting a positive, collaborative and safe learning environment" and "developing character and leadership" have been met with several areas of improvements in the past three years. First, the system's graduation rate has improved by 18% over the past three years. Part of this success is created to the JAG program at the career tech center. The Jobs for Alabama's Graduates Program is a is a school-to-career program for at-risk high school youth that allows students who are behind in credits to accelerate through courses, while also completing the JAG curriculum, so that they may still graduate with their peers. Credit recovery programs are implemented at each high school and ACCESS facilitators have been hired to provide students with more class offerings, including AP courses. The JAG (Jobs for Alabama Graduates) has also been implemented for Blount County students. The system has been the recipient of Alabama's PASS grant which is focused on dropout prevention and increasing the graduation rate in all of our schools.

Secondly, critical improvements have also been made in the area of technology. Bandwidth has been increased. Wireless capabilities have been expanded in all schools for the use of IPads, Nooks, Chromebooks, etc. for students and teachers. Numerous interactive boards have been installed throughout the county. Computer labs have been added and/or upgraded, as well as computers in the classrooms. The district implemented the 3rd Grade Chromebook initiative beginning with the 2018-2019 school year. Many schools are working toward a one-to-one Chromebook deployment as funds become available.

Another improvement made in the area of promoting a safe learning environment is the system's commitment to ensuring all campuses are safe and secure. Cameras and automatic locking mechanisms have been placed at all main entrances. Safety drills and "table-top" drills are held in all schools on a regular basis. The system also requires safety training for all staff members.

As we move forward during this time of changing expectations for Alabama learners, our district has identified three key areas of improvement that we will strive to achieve in the next three years. These areas of need are supported by the data gathered during our self-assessment process:

An area of priority is to continue to focus on teachers engaging students through instructional strategies that require student collaboration, self-reflection, and development of critical thinking skills and problem solving strategies. Instructional strategies should require students to apply knowledge and skills, integrate content and skills with other disciplines, and use technologies as instructional resources and learning tools. We believe that this is the only way that we can truly produce graduates that are prepared for whatever life path they choose.

Dreams were realized as our first "SMART LAB" was opened in January 2018 where students in grades 6-8 at Cleveland Elementary & High School can directly apply and solidify standards-based concepts learned across the curriculum while focusing on computer

programming, coding, and other STEAM skills. This project-based approach will push students to higher depth of knowledge levels and help them see cross-curricular connections in STEAM fields. Students will use the concepts of science, technology, engineering, the arts, and mathematics to collaborate and complete tasks that serve to increase interest and prepare them for future learning in STEAM fields. An additional STEAM lab was launched in September 2018 at Susan Moore Elementary School. Contingent upon grant funding, we will add labs to our remaining elementary and middle schools.

Focusing on communicating effectively with stakeholder groups will be another priority of our system during the next three years. Providing stakeholders with opportunities to shape decisions and develop meaningful participation in the improvement process is an area of growth of our district and our schools.

Finally, developing systematic processes and procedures for collecting, analyzing, and applying learning from multiple data sources will be vital as we begin a new assessment program. We can only identify our curriculum strengths and weaknesses by analyzing our data. In this time of change, our priority will be using the data to design, implement, and evaluate continuous improvement efforts.

Additional Information

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

The Blount County School District views the community as its greatest asset. Through strong partnerships with community agencies and the Blount County Education Foundation, the students served by our fourteen schools enjoy services that otherwise would not be possible in our rural Alabama setting.

>

The Blount County Education Foundation was formed in 1998 with the mission "to promote academic excellence in Blount County Schools." The main project was identified as the classroom grant program. Over time other projects have been added: at-risk tutoring and resources, summer intervention and enrichment programs, summer camps, spelling bee, scholars bowl, math tournament, high school Ambassadors, and more. The total amount provided to Blount County Schools since 1998 is over $3.3 million. The classroom grant program continues as the main project of the Foundation and to date has provided over $1.5 million. Teachers apply for the grants and all are judged by a panel and scored without the judges knowing the name of the applicant or their school. Over the years, teachers have used this unique opportunity to expand the resources available to them to engage students in quality learning experiences. The grants have become focused on technology resources, providing teachers the opportunity to use up-to-date technology teaching resources. Recent year's grants have consisted of a majority of grant applications focused on placement of better technology in the classroom. Additionally, BCEF sought and received a grants this year from Appalachian Regional Commission ($95,000) and Community Foundation of Greater Birmingham ($75,000) to support the addition of STEAM Labs in the district to enhance and extend science, technology, engineering, arts, and math experiences delivered through technology resources.

The BCBOE was awarded a grant of $150,000 to provide an Alabama First Class Pre-K at Appalachian High School. It will serve 16 -18 four year olds beginning with the 2016-2017 school year and a grant of $150,000 to provide another unit at Cleveland High School.

The summer feeding program used Susan Moore Elementary and Locust Fork School as prep sites and delivered meals to the other campuses around the county. Over 13,000 meals were served to kids 18 and under, free between June 4 and July 13. The students attending the BCEF summer programs were fed breakfast and lunch when the activity times coincided with those serving times..

BCEF Summer 2018 included: 10 library programs, 30 academic camps, and one six week daily program. The summer program served over 1,200 in all of these various opportunities. These were funded by grants from Appalachian Regional Commission, Daniel Foundation of Alabama, Hometown Bank, Cawaco RC&D Council, SAIL Summer Learning Coalition, United Way, and Community Foundation of Greater Birmingham. This was the eigth year of the summer learning project of BCEF.

BCEF Summer 2017 included: 12 library programs, 40 sign up academic camps, and one six week daily program. We served over 1,500 students! This was a big increase over last year. These were funded by grants from Appalachian Regional Commission, Daniel Foundation of Alabama, Cawaco RC&D Council, SAIL Summer Learning Coalition, United Way, and Community Foundation of Greater Birmingham. This was the seventh year of the summer learning project of BCEF.

Beginning with the 2015- 2016 school year, Blount County adopted a Bring Your Own Device (BYOD) policy.

The Blount County School Board works in a very cooperative and collaborative nature which is important to the success of any school

system. The system is also proud to team up and collaborate with a variety of community organizations. Some of these include the Department of Human Resources, the Blount County Children's Center, area colleges, United Way, Big Brothers / Big Sisters, the Blount County Health Care Authority, the Blount County Sheriff's Department, the Regional Inservice Center, the Blount County / Oneonta Chamber of Commerce, the Blount County Extension Office, etc. Many faith-based organizations such as the Hope House and area churches help the system's children immensely with school supplies at the beginning of the school-year and, of course, with the sponsorship of families at Christmas time.

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 were advised of committee roles and duties by email invitation.
The review/projection meeting was held in May 2018. Additional meetings will be held with the with the District Improvement Team, quarterly with the Principals and/or School Technology Coaches. School Technology Coaches meet with their Continous Improvement Teams at the local school to insure the vision and direction is consistent throughout the curriculum. Additional technology committee meetings are held during the school day and substitutes are provided as needed.

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

The district technology committee was selected based on technology experience in each local school and district level to encompass a wide variety of team members including K-12 grade level teachers, media specialists, guidance counselors, reading coaches, assistant principals, and district level personnel such as the technology coordinator, technology integration specialist, network administrator, technology technicians, superintendent, assistant superintendents, school improvement specialist, secondary and primary curriculum coordinators, federal programs coordinator, federal programs administrative assistant, human resources coordinator, and special education coordinator. Each member was responsible for reviewing local school data which included the Alabama Transform 2020 Technology Teacher/Administrator Survey and Technology Inventory, Continuous Improvement Plan and the District Improvement Plan to determine strengths and weaknesses for the district. The committee also considered the current budgets and funding sources; curriculum alignment and pacing; instructional practices and strategies; availability of instructional materials and supplies; availability of current technologies and software; remediation and intervention strategies; gifted and enrichment opportunities; as well as, extended learning opportunities. All members made recommendations to the committee based on their data research.
Stakeholders are as follows:
Rodney Green - Superintendent
Dr. Stoney Beavers- Asst. Superintendent
Brian Narrell - Technology Coordinator
Becky Canoles - Technology Integration Specialist
Cindy Bartlett - Secondary Curriculum Coordinator
Bridgette Murphree - Elementary Curriculum Coordinator
Phil Hazelrig - Human Resources Coordinator
Becky Brothers McGowan - Special Ed Coordinator
Dr. Beth Thompson- School Improvement Specialist
Craig Sosebee - Federal Programs Coordinator
Cindy Williams - Family Engagement Specialist, Federal Programs Administrative Assistant
Steve Latta - Testing Coordinator
Joe Kirkpatrick - Technology Technician
Jessica Reed - Technology Technician

Jonathan Johnson - Network Technician

Lisa Whittington - Appalachian School Technology Coach/ACCESS Lab Facilitator

Charity Cleveland - Appalachian Asst School Technology Coach/Media Specialist

Courtney Whitehead - Blountsville Elementary School Technology Coach/PE Coach

Annette Gunter - Blountsville Elementary Asst School Technology Coach/Lab Manager

Melanie Ganus - Blountsville Elementary School Media Specialist

Angie Beasley - Cleveland Elementary School Technology Coach/Lab Manager

Kathy Gilliland - Cleveland Elementary School Media Specialist

Tammy Thigpen - Cleveland High School School Technology Coach/ACCESS Facilitator

Rebecca Maniscalco - Cleveland High School Asst School Technology Coach/Media Specialist

Jennifer Skinner - Hayden Primary School School Technology Coach/First Grade Teacher

Deb Adams - Hayden Primary School Asst School Technology Coach/First Grade Teacher

Ruth Smith - Hayden Primary School Media Specialist

Monica Moorer - Hayden Elementary School School Technology Coach/Media Specialist

Becky Alexander - Hayden Middle School School Technology Coach/

Brittany Etheredge - Hayden Middle School Asst School Technology Coach/Sixth Grade Teacher

Theresa Black - Hayden Middle School Media Specialist

Casondra Edwards - Hayden High School School Technology Coach/Computer App Teacher

Sharon Cox - Hayden High School Asst School Technology Coach/8th Grade English Teacher

Sheila Sherrer - Hayden High School Media Specialist

Wendi Smith - Locust Fork Elementary School School Technology Coach/Second Grade Teacher

Gail Burgett - Locust Fork Elementary School/Media Specialist

Vicki Wallis - Locust Fork High School School Technology Coach/Asst Principal

Grindl Weldon - Locust Fork High School School Technology Coach/Media Specialist

Greg Neill - Pennington High School Technology Coach/Career Prep

Curtis Alexander - Pennington High School Asst. Technology Coach/9th Grade Math Teacher

Amanda McHan - Pennington High School Media Specialist

Katrina Jennings - Susan Moore High School School Technology Coach/Computer App Teacher

Lori Jones - Susan Moore High School Asst School Technology Coach/STI Manager

Kelly Miller - Susan Moore High School Media Specialist

Leigh Roberts - Susan Moore Elementary School School Technology Coach/Lab Manager

Jill Mann - Susan Moore Elementary School Asst School Technology Coach/Sixth Grade Teacher

Kim Prestridge - Susan Moore Elementary School Media Specialist

Marla Hitt - Southeastern High School School Technology Coach/Lab Manager

Cindy Barron - Southeastern High School Media Specialist

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

The technology integration specialist met individually with the school technology coaches and media specialists during the month of May and August to review technology surveys, continuous improvement plans, and technology inventories. Stakeholders received technology plan updates through Google Drive during the final stages of planning. All members had opportunities for input and making recommendations to

the district technology committee in August before the final review. Ongoing and current information regarding district tech direction and progress is communicated with the School Technology Coaches in our bi-annual meetings. The District Improvement Team meets at least once a quarter to review current issues regarding technology integration. The media specialists meet quarterly to review technology trends and innovative ways to integrate technology. Additional information is shared through Google Team Drive. The LEA coordinators meet once a month prior to the principals meeting to address pressing issues and review data. Immediate issues are addressed through email communication and or Google Team Drive & Classroom.

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
- •Inventory & Infrastructure Report-- Fast and Easy Access to network, and Availability of Technology
- •Principal Walk-Through Checklist
- •Professional Learning Evaluations, Lesson Plans
- •Technology Plan Surveys (*Required)

Eleot observation tool

Needs Assessment

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

The top area of need in the Blount County school district is to enhance Internet speed. According to the Spring 2018 Alabama Transform 2020 Technology Survey, 88% of Administrators feel that we have a robust infrastructure to support management, operations, teaching, and learning. This is a 6% increase from the previous survey.

In 2015-2016, we updated the district's wireless network with Enterprise Wireless AC capable APs. This will meet the increasing need due to the Bring-Your-Own-Device and Chromebook initiatives.

Access points were installed in every classroom to support 50 devices. Additional access points were installed in 2017-2018 to fill in weak and/or dead spots on each campus. Gyms and lunchrooms were upgraded to accommodate 470 devices with no impact. Additionally, 90% of the switches and fiber have been upgraded to support up to 10 Gb connections. Contingent upon FY18 erate funds, WIRED, and the availability of local funds, we will complete this project in the 2018-2019 year.

iBoss was put in place to allow teachers and students access to video sharing websites and on-demand Internet streaming videos while continuing necessary activities such as VoIP, INow and Scantron testing.

According to the Alabama Technology Transform 2020 survey Spring 2018, only 67.49% of our teachers indicated that they have sufficient access to online digital resources (videos/podcasts, lesson plans, games, learning activities, etc.) aligned to the online Alabama Course of Study Standards. To meet this need, we have enhanced and expanded facilities and procedures for maintaining computers and other technology equipment by upgrading infrastructure and power supplies to accommodate present and future technologies through Erate and/or the WIRED initiative funds. This year that total had increased to 75.8%.

We purchased an IBOSS monitoring/reporting system in the 2015-2016 school year to implement new security measures, and monitor and control per device use, and bandwidth, replacing the current WAN optimizer. Bandwidth usage data is collected from AREN (Alabama Super Computer Authority) to determine needs, and based upon their reviews, we receive Bandwidth increases on a per school basis. Blount County Internet bandwidth has been increased from 400 Mb to 750 Mg.

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

According to the Blount County Technology Inventory 2018-2019, local schools have at least 2-3 computer labs and most have additional mobile labs consisting of laptops, tablet devices or Chromebooks. Through grants awarded by the Blount County Education Foundation, many classrooms have a 5+ tablet mini-labs to relieve scheduling issues in the computer labs. Many schools are working toward one-to-one Chromebook initiatives. The district Chromebook inventory total has increased from 2119 to 3003 in one year.

In 2018, Blount County schools implemented a 3rd grade Chromebook initiative to allow students easy access to technology without leaving the classroom. Plans are in place to add a grade level each year as funds allow. According to local schools CIP (Continuous Improvement Plan) and Title I/Title I Focus Schools budgets schools plan on purchasing additional Chromebook carts (30) for each school as funds become available to increase device per student ratio. There are currently 67 Chromebook carts district wide.

During the 2018-2019 school year, one computer lab at each elementary school will be up updated. The Blount County Career Tech and Blount County Learning Center teacher computers will be replaced as well. The existing computers will be re-imaged and placed in classrooms to replace obsolete equipment. The following year, one lab will be upgraded at the high schools. This rotation helps maintain computers in classrooms where technology funds are not readily available.

According to the Blount County technology inventory, we are currently at one device per 1.5 students. Hayden Elementary and Southeastern schools are working toward One-to-One for their students.

Effective at the beginning of 2015-2016 school year, the Blount County Board of Education implemented a Bring Your Own Device Policy (BYOD). Students may have electronic communication devices and other digital devices in their possession such as iOS devices (MacBooks, iPhones/smart phones, iPads, iWatches/smart watches, iPods), Kindles, Nooks, tablets, Androids, Chromebooks, MP3 players, and laptops to be used for instructional purposes. Students will have basic technology available at school necessary to complete lessons and assignments as directed by the teacher. The purpose of the BYOD initiative is to enhance instruction and assist students in developing communication, problem-solving, and critical thinking skills necessary to meet the College and Career Readiness Standards.

PDQ Inventory has been purchased to aid with device identification/location and application control.

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

The Blount County school district will continue to improve and maintain software programs to increase student learning with technology. ACCESS, ABE-Alternative Behavior Education, Waterford Early Learning-EL and Special Education, Waterford Early Start Preschool, Dreambox-Math Instructinal Online Adaptive K-8th, LearnBOP Math Instruction K-12-SMHS Pilot, MobyMax Adaptive Learning K-8, Predictive Assessment of Reading K-2, Reading Plus Personalized and Adaptive Reading Intervention, SPIRE Reading Intervention, Language Live, Passport, Moodle, Edmodo, Edmentum, Google Drive and Classroom will be utilized in the labs, classrooms, and media center. Google Suite Gmail will be implemented for all students grades 7 - 12. Personnel supporting these programs are as follows: Tutors, District Reading Specialist, Math Instructional Coach, Literacy Instructional Coach, Technology Integration Specialist.

According to the Transform 2020 Technology Survey, 50.2% of the District faculty feels that they need additional digital devices to address instructional needs of the students. As notated in eGap, plans are in place to purchase and/or lease supplemental materials, supplies, software, equipment, and technology to support the implementation of SRB programs such as 21st Century Classrooms, Waterford, ARI, AMSTI, Language Live, Passport, Dreambox and Google Classroom to address the needs of at-risk students during Tier 1, 2, & 3 instruction. For continued sustainability, the District owns the rights to the following programs: A+ (50+ Course Titles), Renaissance Math Facts in a Flash, & Perfect Copy. Although this percentage has increased by 13% we still need to address this area of need.

The Bridges Academy virtual school will use Edmentum to meet the course credit requirements necessary to implement this new program. This software was piloted during the Blount County 2016 summer school session. A+ will be phased out and Edmentum will replace it for credit recovery in the JAG program.

The Blount County Education Foundation is implementing a summer feeding program at Susan Moore Elementary School and will include a Migrant Tutoring Program to address an ever increasing number of students.

During the 2014-2015 school year, a cart of 20 Forte keyboarding devices was purchased for each elementary school to address the need in 3rd and 4th grade to begin keyboard instruction without taking valuable time away from the computer lab. Due to the success of the keyboarding initiative, an additional 15 units were purchased to expand the program in other grade levels & classrooms.

The system's graduation rate has improved by 25 percentage points over the past three years. Currently, the district four-year cohort graduation rate is 89%. In addition, all six high schools have shown improvement in graduation rate, with some improvement as high as 30%. Student assessment data shows our system's gains in reading and math. The Alabama Reading and Mathematics Test results show a 9% increase in the number of students who are proficient in math over the past three years. Reading also increased by five percent over the past three years. In addition to the increase in graduation rate and number of students who are proficient in reading and math, Blount County Schools has committed to increasing the number of courses available to students through the hiring of an ACCESS facilitator at each school. Approximately 8% of the student body is taking advantage of classes offered through ACCESS. Currently, we are targeting 7th and 8th grade math achievement, which demonstrates the area of highest priority. We will be partnering with the State Department of Education and the Southern Regional Education Board (SREB) to implement the Literacy Design Collaborative and the Mathematics Design Collaborative in our 7th and 8th grade classrooms. We will continue the Literacy Design Collaborative and Math Design Collaborative program in the 18-19 school year.

To increase student achievement in the area of computer programming and STEAM-related areas, we installed a Creative Learning Systems SmartLab targeting middle school students at Cleveland Elementary & High School. It is our hopes that these experiences will increase student motivation to explore computer programming and STEAM-related careers. We can also be hopeful that these experiences may improve student outcomes on standardized science assessments, but we will use additional dis aggregated data to explore the impact that the STEAM Lab experience has on college and career choices. A second STEAM lab was added in September 2018 at Susan Moore Elementary School. As funds become available, we hope to install in all middle-grade configurations across the district in the coming months and years.

Our state summative assessment changed from ARMT to the ACT Aspire in 2014. In the 2017-2018 school year, it changed to Scantron. We will pilot a 4th summative assessment in the spring of 2019 for all Alabama learners in grades 2-8. According to the 2016-2017 Education report card (reported one year in arrears), Blount County Schools are above the State average in Academic Achievement, Academic Growth, Graduation Rate, and College and Career Readiness. Our overall score for Blount County was an '83' which equates to a 'B' on the Education Report Card.

Our district ACT report is as follows: English improved .5 points, math is still showing a steady increase, reading had an increase of .7 points, science showed slight growth and the overall composite score moved .4 points.

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

According to our Alabama Transform 20/20 Technology Survey data, only 43% of teachers are actively involved in Professional Development Learning Programs although 67% of our teachers were able to attend a sufficient number of professional learning sessions to help them successfully integrate technology and digital resources into the classroom.

The school technology coach and technology integration specialist will conduct individual professional learning opportunities within the classroom as needed with classroom teachers and students. There will be additional resources on the District web page, Edmodo, Google Drive/Team Drive and shared network drives for teachers to have access to additional training for collaboration.
One-on-one collaborative training in the classroom with school tech coach and classroom teachers is provided on a daily basis as needed. The technology integration specialist and parental involvement specialist offer workshops on Internet Safety for parents and guardians within the community. These programs were expanded in the 2016-2017 school year to include all family members.

The technology integration specialist provides professional learning opportunities on current topics and the school technology coaches uses the train-the-trainer method for additional training with classroom teachers. School-wide workshops are held during the teacher's preparation period on current and relevant real-world topics. Additional instruction is provided on a one-to-one and/or grade level basis for individualized professional development for teachers and administrators. Learning sessions are scheduled during prep time or after school to reduce interference with instruction. The school technology coaches will continue to provide training on school specific technology items. Many of the schools in the district utilize the professional development opportunities offered through Technology-in-Motion.

The Science Course of Study that is to be implemented in the fall is the key focus area of summer professional development. We will be expanding the Literacy Design Collaborative and Math Design Collaborative. Other workshop options include AMSTI Science & NASA STEM.

Teachers and Staff were provided professional development opportunities during the 2017-2018 school year focused on Google Suite. These sessions were provided by the technology integration specialist, software/hardware vendors, Athens State Technology-in-Motion, parental involvement specialist, and other LEA staff. Supporting documentation on file through STI PD.

Family Engagement Activities - School Year 2017-2018
This year the plan was to extend Parent Involvement Activities to include Grandparents/guardians and other family members in the education of their students.

2 Grandparents As Parents (GAP) were started in local schools.
Sessions were offered throughout the year on Internet Safety, Safe Apps, Google Classroom, STI Parent Portal, Google Docs, Gmail, etc.These were presented by the technology integration specialist, parent involvement specialist, Blount County District Attorney, and School Resources Officers.

Girls/Boys Night Out Events

Three schools held their first annual "Girls/Boys Night Out" Program for 5th and 6th grade girls/boys using parents, counselors, and community stakeholders to plan, provide activities, and fund the event. The programs is designed to address issues that young boys and girls face as they enter into high school. Activities that were provided were to address bullying issues, building relationships, team building and social media safety.

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

According to our recent Alabama Transform 20/20 Technology data, 73% of teachers actively involve and engage students in digital learning but 82% model creative and innovative thinking and inventiveness using digital tools and resources. This is a 34% increase from the previous year. With the added Chromebook purchases, teachers have increased use of student devices.

Our lead teachers, administrators, technology integration specialists, parent involvement specialist (2 teachers and 1 administrator from each campus) and other central office staff will attend G Suite professional development beginning in January 2019. Two additional days are scheduled in March and August/September. The team will employ the train-the-trainer method at each school and present a PD session with their staff following each training day. The first 2 days consist of in depth training on Google Classroom, Drive, Docs, Forms & Chrome OS. The 3rd day is focused on applying those skills for creativity and integrating them into the curriculum. The final day will be scheduled at the end of the summer or the beginning of the 2019-2020 school year so the turn around training is relevant for the teachers and staff. (Many times we do not get the desired results from PD sessions due to the amount of time that elapses between the training and application in the classroom.)

Effective at the beginning of 2015-2016 school year, the Blount County Board of Education implemented a Bring Your Own Device Policy (BYOD). Students may have electronic communication devices and other digital devices in their possession such as iOS devices (MacBooks, iPhones/smart phones, iPads, iWatches/smart watches, iPods), Kindles, Nooks, tablets, Androids, Chromebooks, MP3 players, and laptops to be used for instructional purposes.Students will have basic technology available at school necessary to complete lessons and assignments as directed by the teacher. The purpose of the BYOD initiative is to enhance instruction and assist students in developing communication, problem-solving, and critical thinking skills necessary to meet the College and Career Readiness Standards. This initiative should provide more opportunities for real-world technology use within the classroom. Most schools have purchased at least two carts (30) of tablet devices which should increase student engagement.

The FOCUS schools (Hayden High, Locust Fork High, Pennington High, Susan Moore High, and Susan Moore Elementary) in the district received an additional Chromebook cart of 30 devices to assist in closing the low achievement gap between the special education students and all students. Two additional carts were purchased for the high schools (Susan Moore and Pennington High School) with the highest poverty rate in the district with the Athens Inservice Center FOCUS Schools Grant. The FOCUS schools plan on purchasing additional Chromebook carts contingent upon award of FY18 FOCUS grant.

Beginning in the 2018-2019 school year, the district is implementing a 3rd grade one-to-one Chromebook initiative to increase the student to device ratio.

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

According to our recent Alabama Transform 20/20 Technology data, only 9% of teachers often use their tablet devices/smart phones for immediate access to Internet resources. There was a 3% increase from the previous year. An increase in wireless access throughout the campus will greatly improve the utilization of these tools. The faster the teacher can find resources for a lesson, the more productive they will be in the classroom. There has been a 32% increase in number of tablet devices from the previous year according to the 2018 Technology Inventory.

We also found that 82% of our teachers use Gmail often throughout the day. Since the district initiative to create an educational Gmail account for all staff members, the use of Google Suite has been widely adopted. Teachers have increased productivity through the use of these digital tools. They work collaboratively on projects in their classroom or from home as indicated by the number of documents on the blountboe.net account and Google/Team Drive. With the student Gmail 2016-2017 implementation for grades 7 - 12, teachers are using Google Drive for collaborative projects. Google Drive/Docs is being used for collaboration in the CIP (Continuous Improvement Plan) budget, DIT (District Improvement Team), Transform 20/20 Technology Plan and Inventory, Professional Development Planning and RTI (Response to Instruction) to name a few. The special education teachers indicated an increase in productivity since they are now able to access SETS (Special Education Tracking System) from home. Lesson plans indicated that teachers are utilizing the assessment for instructional planning, to measure growth and mastery of skills, progress monitoring for RTI or other purposes, identifying at-risk students, and much more.

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

According to the Alabama Transform 2020 Technology Survey Alignment, 70% of our instructional leaders currently utilize resources such as Google docs, network resources, email, and INOW to increase productivity. They collaboratively engage in the development, implementation and communication of our school technology plan and advocate the use of digital tools and online resources for both students and teachers. With training from our school technology coach and technology integration specialist, we will focus on improving our administrator's technology expertise by continuing to facilitate and participate in learning communities that support both teacher and other administrators in the study and use of technology. According to the technology survey, 70% of our administrators participated in these trainings. (Last year's average was 26%). Through interviews during walk-throughs, we discovered that the low percentage was due to the fact that most training opportunities were held off-site so principals did not participate. Additional training opportunities were offered locally by the technology integration specialist and school technology coach to increase administrator participation. During the 2014-2015 school year, we implemented quarterly instructional principal's meetings that include site visits to area schools to observe technology integration and project-based learning as well as other Best Practices. As a result of these experiences, we plan to continue improving our administrator understanding of technology integration in order to better support it at the classroom level. We have expanded this program in the 2018-2019 school year. Technology Professional Development was embedded in the monthly principal meetings in the 2017-2018 school year to

prepare administration for full implementation into Google Suite. All documentation and forms have been digitized and shared with principals through Google Team Drive. Additional training was provided throughout the year to expand the use of Google Drive, Docs, Sheets, Classroom etc. 95% of administrators are using Google Classroom for lesson plan submission, tracking of PLU's through Educator Effectiveness and the CIP (Continuous Improvement Plan).

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

Keyboarding proficiency for all students will be driven to the forefront due to increased rigor in writing and assessments for the new college and career ready standards. Forte keyboarding devices and carts were purchased for every elementary school in the 2014-2015 year to address the need for keyboard instruction beginning in the third grade. This allowed each 3rd and 4th grade school access to Forte's for every student. An additional 15 devices per school were purchased to expand the instruction into upper grade levels. According to the CIP budget, additional schools are using Title I funds to purchase additional Forte sets and other software to address these issues in individual classrooms. in addition to the Forte's,

In 2018, all elementary schools received a Chromebook cart of 30 devices to alleviate scheduling conflicts in the computer labs during the 2016-2017 school year.   Several of our schools plan on purchasing additional carts this year as Title I funds become available. According to the CIP additional Chromebook carts (30) will be purchased for the following: AHS - 2 carts, BES - 2 carts, CES - 2 carts and an additional computer lab (30), CHS - 1 cart, HES - 3 carts, LFES - 2 carts, PHS - 1 cart, SES - 1 cart, SMES - 1 cart, SMHS 2 carts. Teachers throughout the district are applying for the Blount County Education Foundation grants to purchase Chromebooks for their classroom. Each individual grant would allow them to purchase 3 devices and a collaborative grant would provide funds for a grade level cart of 30. Teachers will utilize web based keyboarding programs with the Chromebooks in the classroom.

The district has implemented a 3rd grade Chromebook one-to-one initiative in the fall of 2018. Contingent upon funding, we plan to add a grade level per year.

All schools have at least 2 computer labs but much of the scheduled time is allotted to assessments and research so teachers have a difficult time addressing this issue during regular scheduled lab time. All high schools within the district will get a lab upgrade in the fall of 2018. Every year labs are replaced on a rotating basis as funds are available. Existing computers are re-loaded and placed in classrooms to replace obsolete equipment.

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.

The technology coordinator, technology integration specialist, school technology coaches, assistant technology coaches, secondary/primary curriculum coordinators and experienced teachers serve as mentors to their peers to provide on-going professional development. Professional development workshops are offered during summer, after school, and onsite that address weaknesses as identified in the Alabama Transform 2020 Technology Survey. Professional development will continue to be offered at the local schools to provide training as needed to meet the individual needs of the teachers and to align the technology expertise with the local school technology objectives as identified in the Continuous Improvement Plan (CIP.)

Professional development is offered during prep time or after school to alleviate the need for substitutes. In-house mentors facilitate by modeling technology-rich instructional strategies and providing hands-on activities. The ultimate goal is for teachers to become comfortable with digital tools and how to integrate them seamlessly into the classroom.

We strive to promote a professional development program placing technology in the context of student-centered instructional practices. Focusing on the relationship between the professional learning activity and teachers' use of technology in the classroom and their general instructional practices. We offer many professional learning opportunities facilitated by our professional development department. These are conducted by both internal and external presenters. Due to lack of funds available for professional development and substitutes, we have increased utilization of the Technology-in-Motion trainer at many schools.

The district technology department, technology integration specialist, parental involvement specialist, and school tech coaches, hosted a Google Bytes Summit in July on Gmail, Calendar, Classroom, Docs, Drive, etc. for teachers. These sessions were geared toward participants with a beginning or moderate knowledge level.

Our lead teachers, administrators, technology integration specialist, (2 teachers and 1 administrator from each campus) and other central office staff will attend G Suite professional development beginning in January 2019. Two additional days are scheduled in March and August/September. The team will employ the train-the-trainer method at each school and present a PD session with their staff following each training day. The first 2 days consist of in-depth training on Google Classroom, Drive, Docs, Forms & Chrome OS. The 3rd day is focused on applying those skills for creativity and integrating them into the curriculum. The final day will be scheduled at the end of the summer or the beginning of the 2019-2020 school year so the turn around training is relevant for the teachers and staff. (Many times we do not get the desired results from PD sessions due to the amount of time that elapses between the training and application in the classroom.)

K-6 Cohort & 7-12 Cohort - 8:30 -3:30 - Tech Leaders, Administrators, Central Office Staff, Technology Staff, 50 total participants

Contingent on Title I & Title V funding, we are contracting with EdTech Team, Inc. to provide Blount County Schools (BCS) with the following high-quality professional development sessions:

Day 1

Google Classroom/Drive/Docs

Google Classroom to communicate with students

Engaging elementary students with Hyperdocs

Drive organization and sharing best practices

Google Classroom/Drive/Docs

Review of Drive: organizing Drive

Docs: add-ons, assistive tools, tables, hyperlinks, HyperDocs,

Drawings: insert drawings in Docs and the stand-alone Drawings app

Classroom: review and best practices

Day 2

Google Forms and the Chrome OS

Extensions and

Chromebook tips to help your early learners

Formative/Summative assessment using Google Forms

Manipulating data in the elementary classroom

Google Forms and the Chrome OS

Chromebook tips and Extensions

Chrome OS organization and best practices

Forms: quiz features

Visualizing data using charts in Sheets

Day 3

G Suite for Creativity

Google Slides for interactive presentations and digital portfolios

Google Drawings for graphic organizers and writing prompts

Chromebook apps for video and image editing

G Suite for Creativity

Interactive Slides for class efficiency and collaboration

Sites for Digital Portfolios

YouTube channel, playlists and uploading

Chromebook apps for video and image editing - screencasting

The district plans to host a Google Apps for Education Summit in July 2020 in conjunction with Oneonta City Schools. We will utilize our tech leaders for a portion of these sessions using the train-the-trainer method of delivery. These individuals will be selected following the G Suite Professional Development beginning January 2019.

Beginning in 2018, SimpleK12 was purchased to meet the state and federal mandatory requirements for the following: Bullying Prevention, Health Safety, Mandatory Reporting, School Safety Procedures, Standard Precautions, and Required Safety Training. This online teacher training platform also provides individualized training based on teacher need and interest on subjects such as Google G Suite, Microsoft Suite, etc.

Teachers and school leaders also take advantage of national, state, and regional workshops such as AETA, AETC, FETC and ISTE. STI PD

is being utilized to register and document professional development activities in the district. Several members of the technology team will attend workshops during the 2017-2018 year as follows:

AETA (Alabama Educational Technology Association) - June 2018 - School Technology Coaches, Blount County Career Tech Instructors, Administrators

ISTE (International Society for Technology Education) - June 2018 - Technology Coordinator, Technology Technician, Technology Integration Specialist, Parent Involvement Specialist

FETC (Future of Technology Conference) - January 2019 - Technology Coordinator, Technology Technician, Technology Integration Specialist, Local School Technology Coach/ACCESS facilitator. Locust Fork High School principal, media specialist, and school technology coach.

The technology integration specialist will focus on basic Chromebook skills and Google Classroom instruction for 3rd - 8th grade teachers and students. These sessions provide the basic skills to promote ease of use for teachers using Google Suite products in a collaborative setting. Google Classroom introduces basic navigation skills for a learning management system.

Professional learning opportunities are on-going for teachers and administrators through one-on-one instruction provided by the technology integration specialist as needed. Each school has a School Technology Coach and Assistant to provide additional tech and training support as needed on a daily basis.

Blount County will continue to provide teachers with the skills needed to utilize 21st Century equipment for enrichment. We will conduct individual and small group learning activities for teachers and administrators at the local schools to meet an increasing need of onsite PD requests. Calendly (scheduling app) has been purchased for the technology integration specialist to facilitate ease of scheduling for requests. (calendly.com/canoles)

Our Educator Effectiveness Rubrics Self-Evaluations were set up in Google Classroom and assignments began September 2017and continued for nine weeks at the beginning of the school year. This format immersed teachers and administrators in this learning platform and sparked an interest in utilizing this resource in their own classrooms. We will continue to use this platform in the coming years.

After the successful roll out of Google Classroom, many administrators are transitioning from hard copy documentation to digital copies through the use of Google Drive, Team Drive, & Classroom.

With the implementation of Google Apps for Education, teachers and staff requested in-depth training during prep-times and after school. Teachers are eager to use Goggle Drive & Classroom with their students and provide an easy collaborative experience.

With the District re-branding, we upgraded the website to meet ADA (Americans with Disabilities Act) regulations. This will allow us to manage a district Facebook & Twitter feed. Extensive training will occur so that each school will be able to build/maintain their own web pages.

Workshops were conducted by the technology integration specialist (TIS), software vendors, Athens State Technology-in-Motion, parental involvement specialist, and other LEA staff during the 2018-2019 school year on the following:

Subject - Location - Date - Length of Training - Trainer - Participants - Attendees - Total Hours

Google Bytes - CHS - 7-18-18 - 1 Hour - Trainers: Technology Staff, Parental Involvement Specialist - K-12 Teachers - 33

Tech Tips - 8-6-18 Resource Center (RC) - 8-6-18 - 1 Hour - Technology Integration Specialist (TIS) - K-12 New Teachers - 42

Computer Imaging - 8-1-18 - LFHS - 2 Hours - TIS - Media Specialist, School Tech Coach - 2

Chromebook Into & Google Classroom - 8-6-18 - RC - 6 Hours - TIS - 3rd Grade Teachers - 21 - 126

Google Classroom - 8-14-18 - BES - 1 Hour - 4th Grade Teacher - 1

Chromebook & Google Classroom - 8-14-18 - BES - 6 Hours - TIS - 3rd Grade Teacher - 6

Chromebook & Google Classroom - 8-14-18 - BES - 1 Hour - TIS - 3rd Grade Students - 76

Chromebook & Google Classroom - 8-15-18 - HES - 3 Hours - TIS - 3rd Grade Students - (44 students) Total132, Teacher 6 Hours

Chromebook & Google Classroom - 8-16-18 - HES - 3 Hours - TIS - 3rd Grade Students - (39 students) Total 117, Teacher 6 Hours

Chromebook & Google Classroom - 8-21-18 - HES - 3 Hours - TIS - 3rd Grade Students - (40 students) Total 120, Teacher 6 Hours

Chromebook & Google Classroom - 8-22-18 - HES - 3 Hours - TIS - 3rd Grade Students - (44 students) Total 132, Teacher 6 Hours

Chromebook & Google Classroom - 8-23-18 - HES - 3 Hours - TIS - 3rd Grade Students - (45 students) Total 135, Teacher 6 Hours

Chromebook & Google Classroom - 8-29-18 - HES - 3 Hours - TIS - 3rd Grade Students - (44 students) Total 132, Teacher 6 Hours

Chromebook & Google Classroom - 9-4-18 - BES- 1 Hour - TIS -2nd Grade Teacher - 1

These Face-to-Face training sessions provided by the Technology Integration Specialist are continuing throughout the year and scheduled through calendly.com/canoles. With the implementation of the 3rd grade Chromebook One-to-One initiative, these sessions provide the base-knowlege for the students and teachers to integrate this technology into the curriculum.

Student Technology Sessions are offered by the Blount County Education Foundation. Their focus for the past summer was,
Welcome to the Summer of STREAM!!!!
Science * Technology * Reading * Engineering * Arts * Math
We served a total of 1,230 students. They attended 3, 304 sessions. We had 30 camps and 10 library programs.
Elementary Sessions:
June 7 - Graphic Design 1.0 - 3.5 Hours - PHS - Richard Phillips, Business Owner - Say What Logo & Print Design
June 8 - Engineering Camp - 4 Hours - SMES - David Osborne, Alabama Power - What Does an Engineer Do?
June 9 - Digital Photography - 2.5 - PHS - Theresa Burns, Wallace State Instructor - Basic Camera, cropping, & lighting
June 13-17 - Theater Camp - 7 per day - PHS, Carron Clem, Covered Bridge Players - Scene work, light/sound, etc.
June 13 - 16 - CSI: Can you Solve the Crime - 4 Hours - SMES - STEAM Lab Teacher - Analyze fingerprints, bite marks, etc.
June 13 - 16 - The Great Art, Science, Math, & Music - 4 Hours per day - Elementary Teachers - Science cooking experiments
June 13 - Law Camp - 3 Hours - SMES - 3 Hours - Pamela Casey, District Attorney - Nation's Legal System
June 16 - Wild About Art - 3 Hours - LFES - Laura Walker, Wallace State Instructor - Art Projects with Recycled Materials
June 21 - 23 - Journalism, Yearbook - 4 Hours - LFES - Elementary Teacher - Research, Interview, Writing & More
June 21 - Virtual Reality - 3.5 Hours - PHS - Tech Integration Specialist - Create your own virtual reality experience
July 11 - 14 - Science Fun - 3.5 Hours - CHS - Career Tech Teacher - STEM activities
July 12 - Law Enforcement Camp - 2 Hours - PHS - Lt Russ Claburn, School Resource Officer Supervisor - Forensics
High School Sessions
June 1 - AP Literature & College Writing - 4 Hours - BCCTC - Teacher - Advance/College Writing
June 6 - Digital Photography - 6 Hours - PHS - Career Coach - Photography, Adobe Photoshop, LightRoom, & More
June 7 - Graphic Design 1.0 - 3.5 Hours - PHS - Richard Phillips, Business Owner - Say What Logo & Print Design
June 8 - Engineering Camp - 4 Hours - SMES - David Osborne, Alabama Power - What Does an Engineer Do?
June 9 - Digital Photography - 6 Hours - PHS - Career Coach - Photography, Adobe Photoshop, LightRoom, & More
June 13 - Law Camp - 3 Hours - SMES - 3 Hours - Pamela Casey, District Attorney - Nation's Legal System
June 14 - 16 - Firefighter Camp - 6 Hours Day - PHS - Blount County Fire & EMA - First Responder Training
June 15, 22, 29 - Leadership Camp - 6 Hours - BOE - Aimee Wilson, Chamber of Commerce & Business Leaders
June 21 - 23 - Journalism, Yearbook - 4 Hours - LFES - Elementary Teacher - Research, Interview, Writing & More

June 30 - Marketing Yourself: Business & College - LFHS - Dr Stoney Beavers, Asst Superintendent, Peyton Hazelrig, CHS graduate

July 11 - 14 - Science Fun - 3.5 Hours - CHS - Career Tech Teacher - STEM activities

June 21 - Virtual Reality - 3.5 Hours - PHS - Tech Integration Specialist. Tech Coordinator - Create your own virtual reality experience

Summer Program 2018 Partners: Alabama Power Foundation, Appalachian Regional Commission, Blount County Literacy Council, Cawaco RC&D, Inc., Community Foundation of Greater Birmingham, Daniel Foundation of Alabama, Hometown Bank, Peoples Bank of Alabama, United Way of Central Alabama

Inventory/Infrastructure

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

WAN Infrastructure

WAN connectivity is handled through the Alabama Supercomputer Authority (AREN) utilizing a pair of Juniper routers with a 500 Mbps connection from each high school to the Network Operations Center (NOC) and a 100 Mbps connection from each elementary school to the NOC. The Career Technical Center is connected to the NOC via 100 Mbps connections, while the Network operations center is hosted by a 250 Mbps connection. A 750 Mbps connection to the Internet terminates at the NOC and is shared by all facilities.

LAN Infrastructure

Current infrastructure status of Blount County Schools: Buildings, classrooms, and other instructional areas are wired with Cat 5e or better copper wiring. Schools have a central MDF closet and have IDF closets as needed. Most wiring between closets utilizes a fiber backbone. Each school has a gigabit Ethernet network running centrally with gigabit to individual computers. All schools have gigabit managed switches in the wiring closets. Each school has a minimum of 4 servers, two for file serving, one for support, plus an on-line network storage appliance. The Board of Education maintains its own Local Area Network with 25 computers and 16 servers.

Connectivity

WAN connectivity is handled through the Alabama Supercomputer Authority (AREN) utilizing a pair of Cisco routers with a 100 Mbps connection from each high school to the network operations center and a 50 Mbps connection from each elementary school to the network operations center. The Career Technical Center is connected to the network operations center via 100 Mbps connections, while the Network operations center has a 250 Mbps connection. A 400 Mbps connection to the Internet terminates at the network operations center and is shared by all facilities.

Bandwidth WAN

WAN connectivity is handled through the Alabama Supercomputer Authority (AREN) utilizing a pair of Juniper routers with a 250 Mbps connection from each high school to the Network Operations Center (NOC) and a 100 Mbps connection from each elementary school to the NOC. The Career Technical Center is connected to the network operations center via 250 Mbps connections, while Network operations center is hosted by a 250 Mbps connection. A 750 Mbps connection to the Internet terminates at the NOC and is shared by all facilities.

LAN -

Current infrastructure status of Blount County Schools: Buildings, classrooms, and other instructional areas are wired with Cat 5e or better copper wiring. Schools have a central MDF closet and some schools and buildings have IDF closets as needed. Most wiring between closets utilizes a fiber backbone. Each school has a gigabit Ethernet network running to individual computers. All schools have been upgraded to gigabit managed switches in the wiring closets. Each school has a minimum of 4 servers, two for file serving, one for support, plus an on-line network storage appliance. The Board of Education maintains its own Local Area Network with 25 computers and 16 servers.

Connectivity is handled through the Alabama Supercomputer Authority (AREN) utilizing a pair of Juniper routers with a 250 Mbps connection from each high school to the Network Operations Center(NOC) and a 100 Mbps connection from each elementary school to the NOCA 750 Mbps connection goes to the Internet. Network operations center has a 250 Mbps connection which is tied into the WAN through the Super Computer Authority.

Internet Access

WAN connectivity is handled through the Alabama Supercomputer Authority (AREN) utilizing a pair of Juniper routers with a 250 Mbps connection from each high school to the network operations center and a 100 Mbps connection from each elementary school to the NOC. The Career Technical Center is connected to the network operations center via 250 Mbps. A 750 Mbps connection to the Internet terminates

at the NOC and is shared by all facilities.

Information Security & Safety Desktop Security:

Desktop Security: All computers on the network are required to login to the network with a Logon Banner to gain access to resources. The user must agree to the Responsible Use Terms and Condition before gaining access. User and group level security is used to allow access to individual resources. Software updates are managed through Microsoft WSUS services, PDQ Deploy, and through scripted updates at login. Individual workstations are protected by Sophos Endpoint Protection Antivirus, by Internet filtering, and selective use of Malware-Bytes, and CCleaner spyware protection.

Network Security: Servers use Sophos Endpoint Protection Antivirus for continual protection. Student information, financial information, and Special Education information reside on servers protected by an ASA adaptive security appliance that is maintained by the Alabama Supercomputer Authority. All network traffic is monitored and filtered with an iBoss Internet Security device.

Digital Content

All schools have access to the following: Lore.com, Moodle LMS, EverFi Digital Content for Financial Literacy, Voicethread, Dave Ramsey Financial Digital Content, Federal Reserve Financial Digital Content, A+ Digital Content, Google Suite, Ebooks, Chrome/iPad/Nook Apps, ACCESS Franchise

Digital Tools

We utilize the following tools to support the infrastructure:

Spiceworks PC Reporting

Windows Deployment Services

PDQ Deploy

Sophos Endpoint Protection Antivirus

IBOSS Internet Security Device

SolarWinds Dameware Remote Desktop Support

Label	Assurance	Response	Comment	Attachment
2.	Did you complete the Inventory for each school in your school system?	Yes		FY19 Blount County Inventory

Accountability Questions

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

Goal 1:

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

Measurable Objective 1:

collaborate to plan, implement, and evaluate authentic learning experiences whereby students incorporate contemporary tools and digital resources to maximize learning in real-world context by 05/21/2021 as measured by Alabama Transform 2020 Technology Survey: Teachers.

Strategy1:

Technology Leadership - Administrators will promote an environment professional learning and innovation that empowers educators to enhance student learning through the use of technology in the classroom. Administrators, District Technology Committee, and District Improvement Team members will work to provide resources for teacher use in the classroom, as well as time for teachers to collaborate regarding technology integration. There are four new District Initiative Half-Day Professional Learning days built into the 2018-2019 calendar targeting High Impact Instruction led by administrators and staff at the local school level.

Category: Develop/Implement Professional Learning and Support

Research Cited: Hattie, J. (2008). Visible Learning: A synthesis of over 800 meta-analyses relating to achievement. New York, NY: Routledge

Activity - Lab Resources	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Administrators will promote the need for increased technologies to support the changes required by Alabama College and Career-Readiness Standards and Plan 2020. The district will maintain and upgrade technology infrastructure by upgrading computer labs on a three-year cycle. Computers in existing labs will be re-imaged and reallocated to classrooms as needed. To alleviate computer lab scheduling constraints and foster the BYOD initiative, the district purchased Chromebook carts for the elementary schools last year. We plan to upgrade the computer labs, servers and switches in 2018-2019, contingent upon funding. Our plan also includes a one-to-one Chromebook initiative with 3rd grade students in the district. Local schools will also purchase additional Chromebook carts. Individual teachers are working toward acquiring a classroom set of Chromebooks by applying for the BCEF (Blount County Education Foundation) grants.	Technology	08/08/2016	05/28/2021	$125000 - Scholarship Fund $257150 - District Funding	Principals and Technology Coordinator

Activity - Collaboration	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Administrators will collaborate with teachers and other administrators within the local school or throughout the district to share best practice strategies through technology integration. Instructional leaders will engage in an ongoing collaborative process to develop, implement, and communicate the school and district technology plan.	Technology	08/08/2016	05/28/2021	$0 - No Funding Required	Principals, Assistant Principals, LEA Coordinators

Strategy2:

Real-Life Experiences - Teachers will use technology and resources to provide standards-based instruction in authentic learning activities in all content areas of responsibility to facilitate real-life experiences that advance student learning. Resources needed: access to computers, tablets, Chromebook or other devices in the lab, library, or classroom. This will be monitored during walk-throughs at local schools and the CIP (Continuous Improvement Plan) . The Educator Effectiveness English and Professionalism Rubrics will reflect technology use to engage learners.

Category: Develop/Implement Research Based Best Practices for Continuous Improvement

Research Cited: Alsde: Alabama college and career ready initiative (alabama common core standards). (n.d.). Retrieved from http://www.alsde.edu/home/General/alccs.aspx

Activity - Learning Management System	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers will utilize Edmentum and Google Suite to share educational content and have students engage in conversations about classroom topics. Teachers also engage in professional development with a global community of educators.	Technology	06/20/2016	05/28/2021	$44000 - State Funds	Curriculum Coordinators, Technology Integration Specialist, School Technology Coaches, Teachers

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

Goal 1:
Engage and Empower the Learner Through Technology

Measurable Objective 1:
A 2% increase of All Students will demonstrate a behavior of sound understanding of technology concepts, systems, and operations in Career & Technical by 05/21/2021 as measured by Alabama Transform 2020 Technology Survey..

Strategy1:
Technology Literacy - All schools will provide focused basic computer skills instruction to build technological literacy. The media specialist and teachers will collaborate to cover the research, information, communication, and collaboration objectives in the technology COS. Digital Citizenship is reviewed with every student at the beginning of each school year. The district reviews and/or revises the acceptable use policy on an annual basis. To obtain baseline data, the Kuder evidence-based career assessment will be given at the beginning of the year to the 9th graders. This assessment will be used toward education planning, and guidance resources.

   All students are also required to complete the Alabama Career Preparedness course which focuses on three integrated areas of instruction – academic planning and career development, financial literacy, and technology. Course content ranges from college and career preparation to computer literacy skills to ways to manage personal finances and reduce personal risk. The area of technology is designed to be interwoven throughout course instruction. Mastery of the content standards provides a strong foundation for student acquisition of the skills, attitudes, and knowledge that enables them to achieve success in school, at work, and across the life span. Simulations and projects promoting leadership skills offer further opportunities for application of knowledge and skills. This course also equips students with the skills needed for business and industry, continuing education, and lifelong learning. Acquisition of these skills is achieved by incorporating content and strategies that allow students to meet the required 20-hour online experience as defined by the Alabama State Department of Education.
Category: Develop/Implement College and Career Ready Standards
Research Cited: Alsde: Alabama college and career ready initiative (alabama common core standards). (n.d.). Retrieved from http://www.alsde.edu/home/General/alccs.aspx
Morton, J. (n.d.). Alabama course of study technology education. Retrieved from www.alsde.edu

Activity - Instructional and Tutorial Software	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
To support core instruction and tutoring/intervention, Blount County School district provides Waterford, Alternate Behavior Educator, DreamBox, MobyMax, Edmentum, Google Suites and PAR. Schools may utilize Title I allocations to support additional software to meet their student learning needs.	Academic Support Program	08/08/2016	05/28/2021	$43620 - Title I Part C $44000 - District Funding	Federal Programs

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

Goal 1:

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

Measurable Objective 1:

collaborate to plan, implement, and evaluate authentic learning experiences whereby students incorporate contemporary tools and digital resources to maximize learning in real-world context by 05/21/2021 as measured by Alabama Transform 2020 Technology Survey: Teachers.

Strategy1:

Real-Life Experiences - Teachers will use technology and resources to provide standards-based instruction in authentic learning activities in all content areas of responsibility to facilitate real-life experiences that advance student learning. Resources needed: access to computers, tablets, Chromebook or other devices in the lab, library, or classroom. This will be monitored during walk-throughs at local schools and the CIP (Continuous Improvement Plan) . The Educator Effectiveness English and Professionalism Rubrics will reflect technology use to engage learners.

Category: Develop/Implement Research Based Best Practices for Continuous Improvement

Research Cited: Alsde: Alabama college and career ready initiative (alabama common core standards). (n.d.). Retrieved from http://www.alsde.edu/home/General/alccs.aspx

Activity - Professional Learning	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
State, District, or Local staff will plan and deliver professional development opportunities for teachers to create effective, challenge-based lessons and units that require students to apply content through real-world experiences. Teachers receiving training will collaborate and share with colleagues through data meetings, shared network resources, and Google Suite.	Professional Learning	08/08/2016	05/28/2021	$22000 - Title II Part A $10000 - Title IV Part A	Ed-Tech, Athens State Technology-in-Motion, Technology Integration Specialist, Curriculum Coordinators, School Technology Coaches, Teachers

Activity - Learning Management System	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers will utilize Edmentum and Google Suite to share educational content and have students engage in conversations about classroom topics. Teachers also engage in professional development with a global community of educators.	Technology	06/20/2016	05/28/2021	$44000 - State Funds	Curriculum Coordinators, Technology Integration Specialist, School Technology Coaches, Teachers

Activity - Technology Coaches	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880 - Title II Part A	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches

Activity - Primary Sources	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The District will provide a central location for teachers to access primary sources needed for teaching Alabama College and Career-Ready standards. This will be monitored through periodic review of the district web page, CIP walk-throughs and lesson plans at local schools. Additional resources are shared through Google Suite.	Academic Support Program	08/08/2016	05/28/2021	$0 - No Funding Required	Technology Coordinator, Technology Integration Specialist, K-12 Curriculum Coordinator, School Improvement Specialist

Strategy2:

Technology Leadership - Administrators will promote an environment professional learning and innovation that empowers educators to enhance student learning through the use of technology in the classroom. Administrators, District Technology Committee, and District Improvement Team members will work to provide resources for teacher use in the classroom, as well as time for teachers to collaborate regarding technology integration. There are four new District Initiative Half-Day Professional Learning days built into the 2018-2019 calendar targeting High Impact Instruction led by administrators and staff at the local school level.

Category: Develop/Implement Professional Learning and Support

Research Cited: Hattie, J. (2008). Visible Learning: A synthesis of over 800 meta-analyses relating to achievement. New York, NY: Routledge

Activity - Collaboration	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Administrators will collaborate with teachers and other administrators within the local school or throughout the district to share best practice strategies through technology integration. Instructional leaders will engage in an ongoing collaborative process to develop, implement, and communicate the school and district technology plan.	Technology	08/08/2016	05/28/2021	$0 - No Funding Required	Principals, Assistant Principals, LEA Coordinators

Activity - Technology Integration	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
A Technology Integration Specialist will be employed to provide professional development to school based technology coaches, classroom teachers, and other personnel as necessary. School technology coaches will receive a small supplement and/or support to employ substitutes to facilitate assistance being provided through job-embedded professional development and technology troubleshooting. Additional training will be provided by Technology-in-Motion at Athens State University Regional Inservice Center.	Technology	08/08/2016	05/28/2021	$61414 - Title I Schoolwide	Principal, School Technology Coach, Technology Coordinator, Federal Program Coordinator, Technology Integration Specialist, Curriculum Coordinators

Goal 2:

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

Measurable Objective 1:

collaborate to ensure students, teachers, and administrators have the necessary tools available to access the Internet, digital learning resources, productivity tools, online assessments, and data (educators)   by 05/28/2021 as measured by higher graduation rates, improved test scores, and increased student to device ratio..

Strategy1:

Technology Upgrades - The LEA and Focus schools will increase number of mobile and computer labs as funds are available to facilitate greater adoption of student focused technologies to improve engagement. Local schools will use Title I/FOCUS funds to purchase additional Chromebook carts. This will help alleviate some of the scheduling issues and meet the needs in individual classrooms for students that do not own a device.

Category: Other - Technology

Research Cited: "Bring Your.. own Device.. - EdTech Magazine." 2014. 13 Sep. 2016

<http://www.edtechmagazine.com/k12/sites/default/files/111331-wp-k12-byod-df.pdf>

Activity - Chromebook Carts	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Purchase additional Chromebook Carts (30 devices) for the schools to expand mobile labs and meet an increasing need for digital devices in the classroom.	Technology Academic Support Program	08/08/2016	05/22/2020	$102750 - District Funding $7000 - Other $58000 - Title I Part A	LEA District Technology Coordinator, Federal Programs Coordinator, Asst Principal, Curriculum, Principals, CIP Committee Members

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

Goal 1:

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

Measurable Objective 1:

demonstrate a behavior for educational administrators to promote an environment of professional learning and innovation that empowers educators to enhance student learning through infusion of contemporary technologies and digital resources by 05/22/2020 as measured by the increased resources and professional learning opportunities provided to the teachers by the school technology coaches and technology integration specialist.

Strategy1:

Increased Professional Learning Opportunities - Increase the number of professional development opportunities available to school technology coaches and district technology staff through ISTE (International Society for Technology in Education) and FETC (Future Education of Technology Conference) . Each year at least 1 STC (school technology coach) will be selected to attend ISTE and/or FETC as funds permit. Following the technology conference, the STC's, technology integration specialist and other district technology staff will offer workshops during the school year and summer months on current and emerging technologies and digital resources. We believe this train-the-trainer method is the most efficient and effective means of disseminating the newly garnered knowledge to the target audience thus allowing teachers to integrate technology into their daily curriculum to increase student engagement. Additionally, each representative will share ideas with the other members of the district technology team at the semi-annual STC meeting.

Category: Develop/Implement Professional Learning and Support

Research Cited: "ERIC - Examining the Effectiveness of a Train-the-Trainer Model ...." https://eric.ed.gov/?id=ED518863. Accessed 17 Oct. 2017.

Activity - Professional Learning	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The technology integration specialist, network technician, and technology technicians will present workshops on current and emerging technologies and resources following attendance at the ISTE, AETA, and FETC, conferences.	Technology	08/08/2016	05/22/2020	$0 - No Funding Required	Technology coordinator, technology integration specialist, network technician, technology technicians, and school technology coaches.

Activity - Technology Conferences	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Technology integration specialist, network administrator, technology technicians, network administrators, school technology coaches and family engagement specialist may attend the ISTE/AETC conference. School technology coaches may attend conferences as funds are available.	Technology	08/08/2016	05/28/2021	$3359 - District Funding $3359 - Title I Part A	Technology Coordinator, Technology Integration Specialist, Network Administrator, School Technology Coaches, Family Engagement Specialist, Federal Program Coordinator

Measurable Objective 2:

collaborate to plan, implement, and evaluate authentic learning experiences whereby students incorporate contemporary tools and digital resources to maximize learning in real-world context by 05/21/2021 as measured by Alabama Transform 2020 Technology Survey:

Teachers.

Strategy1:

Technology Leadership - Administrators will promote an environment professional learning and innovation that empowers educators to enhance student learning through the use of technology in the classroom. Administrators, District Technology Committee, and District Improvement Team members will work to provide resources for teacher use in the classroom, as well as time for teachers to collaborate regarding technology integration. There are four new District Initiative Half-Day Professional Learning days built into the 2018-2019 calendar targeting High Impact Instruction led by administrators and staff at the local school level.

Category: Develop/Implement Professional Learning and Support

Research Cited: Hattie, J. (2008). Visible Learning: A synthesis of over 800 meta-analyses relating to achievement. New York, NY: Routledge

Activity - Collaboration	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Administrators will collaborate with teachers and other administrators within the local school or throughout the district to share best practice strategies through technology integration. Instructional leaders will engage in an ongoing collaborative process to develop, implement, and communicate the school and district technology plan.	Technology	08/08/2016	05/28/2021	$0 - No Funding Required	Principals, Assistant Principals, LEA Coordinators

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

Goal 1:

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

Measurable Objective 1:

collaborate to ensure students, teachers, and administrators have the necessary tools available to access the Internet, digital learning resources, productivity tools, online assessments, and data (educators)   by 05/28/2021 as measured by higher graduation rates, improved test scores, and increased student to device ratio..

Strategy1:

Technology Upgrades - The LEA and Focus schools will increase number of mobile and computer labs as funds are available to facilitate greater adoption of student focused technologies to improve engagement. Local schools will use Title I/FOCUS funds to purchase additional Chromebook carts. This will help alleviate some of the scheduling issues and meet the needs in individual classrooms for students that do not own a device.

Category: Other - Technology

Research Cited: "Bring Your.. own Device.. - EdTech Magazine." 2014. 13 Sep. 2016

<http://www.edtechmagazine.com/k12/sites/default/files/111331-wp-k12-byod-df.pdf>

Activity - ADA Compliant Website	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Upgrade the website to meet ADA (Americans with Disabilities Act) regulations. This new platform will allow us to manage a district Facebook & Twitter feed. Extensive training will occur so that each school will be able to build/maintain their own webpage.	Community Engagement Technology Parent Involvement	01/01/2018	05/21/2021	$14000 - District Funding	Technology Coordinator, Asst Superintendent, Curriculum, Technology Integration Specialist

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

Goal 1:

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

Measurable Objective 1:

collaborate to plan, implement, and evaluate authentic learning experiences whereby students incorporate contemporary tools and digital resources to maximize learning in real-world context by 05/21/2021 as measured by Alabama Transform 2020 Technology Survey: Teachers.

Strategy1:

Real-Life Experiences - Teachers will use technology and resources to provide standards-based instruction in authentic learning activities in all content areas of responsibility to facilitate real-life experiences that advance student learning. Resources needed: access to computers, tablets, Chromebook or other devices in the lab, library, or classroom. This will be monitored during walk-throughs at local schools and the CIP (Continuous Improvement Plan) . The Educator Effectiveness English and Professionalism Rubrics will reflect technology use to engage learners.

Category: Develop/Implement Research Based Best Practices for Continuous Improvement

Research Cited: Alsde: Alabama college and career ready initiative (alabama common core standards). (n.d.). Retrieved from http://www.alsde.edu/home/General/alccs.aspx

Activity - Primary Sources	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The District will provide a central location for teachers to access primary sources needed for teaching Alabama College and Career-Ready standards. This will be monitored through periodic review of the district web page, CIP walk-throughs and lesson plans at local schools. Additional resources are shared through Google Suite.	Academic Support Program	08/08/2016	05/28/2021	$0 - No Funding Required	Technology Coordinator, Technology Integration Specialist, K-12 Curriculum Coordinator, School Improvement Specialist

Activity - Learning Management System	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers will utilize Edmentum and Google Suite to share educational content and have students engage in conversations about classroom topics. Teachers also engage in professional development with a global community of educators.	Technology	06/20/2016	05/28/2021	$44000 - State Funds	Curriculum Coordinators, Technology Integration Specialist, School Technology Coaches, Teachers

Goal 2:

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

Measurable Objective 1:

collaborate to ensure students, teachers, and administrators have the necessary tools available to access the Internet, digital learning resources, productivity tools, online assessments, and data (educators)   by 05/28/2021 as measured by higher graduation rates, improved test scores, and increased student to device ratio..

Strategy1:

Technology Upgrades - The LEA and Focus schools will increase number of mobile and computer labs as funds are available to facilitate greater adoption of student focused technologies to improve engagement. Local schools will use Title I/FOCUS funds to purchase additional Chromebook carts. This will help alleviate some of the scheduling issues and meet the needs in individual classrooms for students that do not own a device.

Category: Other - Technology

Research Cited: "Bring Your.. own Device.. - EdTech Magazine." 2014. 13 Sep. 2016

<http://www.edtechmagazine.com/k12/sites/default/files/111331-wp-k12-byod-df.pdf>

Activity - Chromebook Carts	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Purchase additional Chromebook Carts (30 devices) for the schools to expand mobile labs and meet an increasing need for digital devices in the classroom.	Academic Support Program Technology	08/08/2016	05/21/2021	$102750 - District Funding $58000 - Title I Part A $7000 - Other	LEA District Technology Coordinator, Federal Programs Coordinator, Asst Principal, Curriculum, Principals, CIP Committee Members

Activity - Lab Expansions	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The LEA will upgrade existing labs and purchase Chromebook Carts to alleviate lab scheduling conflicts and revitalize existing computer labs. Existing lab computers will be re-imaged and reallocated to classrooms according to the needs observed in the 2018-2019 technology inventory.	Academic Support Program Technology	10/03/2016	05/21/2021	$68000 - District Funding $83850 - District Funding	LEA Technology Coordinator, Principals, Federal Programs Coordinator

Technology Plan Assurances

Label	Assurance	Response	Comment	Attachment
1.	The district has read, understands, and complies with the assurances required of the Alabama Technology Plan.	Yes		BCS Tech Plan Assurances 11-27-18

Alabama Technology Plan: 2018.2021

Overview

Plan Name

Alabama Technology Plan: 2018.2021

Plan Description

Goals Summary

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

#	Goal Name	Goal Details	Goal Type	Total Funding
1	Prepare and Support Teachers and Leaders to Graduate College and Career-Ready Students.	Objectives: 2 Strategies: 3 Activities: 12	Organizational	$563932
2	Engage and Empower the Learner Through Technology	Objectives: 1 Strategies: 1 Activities: 3	Academic	$155784
3	All educators and students will have tools to access a comprehensive, viable infrastructure when and where they need it.	Objectives: 1 Strategies: 1 Activities: 3	Organizational	$333600

Goal 1: Prepare and Support Teachers and Leaders to Graduate College and Career-Ready Students.

Measurable Objective 1:

collaborate to plan, implement, and evaluate authentic learning experiences whereby students incorporate contemporary tools and digital resources to maximize learning in real-world context by 05/21/2021 as measured by Alabama Transform 2020 Technology Survey: Teachers.

Strategy 1:

Real-Life Experiences - Teachers will use technology and resources to provide standards-based instruction in authentic learning activities in all content areas of responsibility to facilitate real-life experiences that advance student learning. Resources needed: access to computers, tablets, Chromebook or other devices in the lab, library, or classroom. This will be monitored during walk-throughs at local schools and the CIP (Continuous Improvement Plan) . The Educator Effectiveness English and Professionalism Rubrics will reflect technology use to engage learners.

Category: Develop/Implement Research Based Best Practices for Continuous Improvement

Research Cited: Alsde: Alabama college and career ready initiative (alabama common core standards). (n.d.). Retrieved from http://www.alsde.edu/home/General/alccs.aspx

Activity - Technology Coaches	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device. Schools: Cleveland High School, Susan Moore High School, Appalachian School, Locust Fork Elementary School, Susan Moore Elementary School, Blountsville Elementary School, Southeastern School, Locust Fork High School, Hayden Middle School, J.B. Pennington High School, Cleveland Elementary School, Hayden High School, Hayden Primary School, Hayden Elementary School	Professional Learning	07/01/2014	05/28/2021	$26880	Title II Part A	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches

Status	Progress Notes	Created On	Created By
In Progress	With the implementation of Google G Suite, the technology coaches will receive in-depth training to assist teachers into integrating these tools into their curriculum. We will continue to use the train-the-trainer method to deliver content.	October 22, 2018	Becky Canoles
In Progress	STC's continue to provide in-house professional development for the teachers, administrators and staff during prep-time or after school to alleviate the need for subs.	October 09, 2017	Becky Canoles
In Progress	Due to the Blount County Learning Center being reclassified as a Program, we no longer fund a technology coach for this facility. Their needs are met by the STC at Cleveland Elementary.	September 13, 2016	Becky Canoles
In Progress	The Blount County Career Technical Center has been removed from the school listing and changed to a program under the Blount County School District. Due to the status change, we have removed the schools technology coach position. These duties have been reassigned to the district technology department.	September 24, 2015	Brian Narrell
In Progress	School Technology Coaches and Assistant Technology Coaches are assigned to every school in the district with the exception of the Blount County Career Tech Center. Due to a small number of faculty and staff at this location they do not meet the minimum staff requirements for an assistant.	September 22, 2014	Becky Canoles

Activity - Digital Classroom Experience	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology Integration Specialist and School Technology Coaches will collaborate with teachers to better utilize Skype and/or Interactive Video Conferencing to bring professionals and professors into the classroom to discuss relevant, real-world content. This may include virtual field trips sponsored by the Alabama State Department of Education through Technology Initiatives. IVC equipment was purchased for the elementary schools. All of the high schools IVC equipment has been upgraded. Schools: All Schools	Technology	08/15/2015	05/28/2021	$0	No Funding Required	Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Teachers

Status	Progress Notes	Created On	Created By
In Progress	The IVC equipment is utilized for virtual field trips in the elementary schools and the high schools are taking virtual tours at local colleges.	November 06, 2018	Becky Canoles
In Progress	All of the elementary schools continue to use their IVC equipment for virtual field trips & interviews. A few of the high schools use their IVC equipment for virtual college visits.	October 22, 2018	Becky Canoles
In Progress	IVC equipment has been relocated to the library at all schools to facilitate increased usage of the equipment by the media specialist. Ongoing training opportunities are provided by the technology integration coach.	October 09, 2017	Becky Canoles
In Progress	The K-12 curriculum coordinator, technology integration specialist, and media specialists collaborate on resources and best practices to use the IVC equipment for virtual field trips, Skype interviews, and school-to-school activities.	September 13, 2016	Becky Canoles
Completed	Additional IVC equipment was purchased for the high school libraries to complete this digital initiative.	July 16, 2015	Becky Canoles
In Progress	All elementary schools and the middle school received IVC equipment before the beginning of the 2014-2015 school year. The LEA technology integration specialist in addition to the local school technology coach and/or media specialist provide resources and facilitate virtual field trips. This equipment was installed in the library for greater access to all students.	September 15, 2014	Becky Canoles

Activity - Professional Learning	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
State, District, or Local staff will plan and deliver professional development opportunities for teachers to create effective, challenge-based lessons and units that require students to apply content through real-world experiences. Teachers receiving training will collaborate and share with colleagues through data meetings, shared network resources, and Google Suite. Schools: All Schools	Professional Learning	08/08/2016	05/28/2021	$32000	Title IV Part A, Title II Part A	Ed-Tech, Athens State Technology-in-Motion, Technology Integration Specialist, Curriculum Coordinators, School Technology Coaches, Teachers

Status	Progress Notes	Created On	Created By
In Progress	The district has purchased SimpleK12 online teacher training for individualized professional development on G Suite. We are planning a 3-day G Suite training beginning in January 2019 for 50 lead teachers and administrators. The sessions will be approximately every 6 weeks. The final training will be at the beginning of the 2019-2020 school year. The lead team will host a training session at their school following each session.	October 22, 2018	Becky Canoles

In Progress	The technology integration specialist, local school techs, TIM, and other presenters continue to provide professional learning opportunities during District PD designated days.	October 09, 2017	Becky Canoles
In Progress	With the full implementation of Google Apps for Education in June 2016, teachers are receiving ongoing, sustained learning opportunities during their prep-times or after school. These workshops cover all Google Apps for Education topics and are individualized for teacher needs and skills. Google Classroom has been widely adopted for classroom as well as peer-to-peer collaboration.	September 13, 2016	Becky Canoles
In Progress	Technology-in-Motion trainer provides additional training and support for local professional development.	September 23, 2015	Becky Canoles
In Progress	Teachers are offered technology enriched workshops during the summer and throughout the entire school year. The technology integration specialist and school technology coach provide professional development throughout the year on current technologies purchased at each campus.	September 15, 2014	Becky Canoles

Activity - Learning Management System	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will utilize Edmentum and Google Suite to share educational content and have students engage in conversations about classroom topics. Teachers also engage in professional development with a global community of educators. Schools: All Schools	Technology	06/20/2016	05/28/2021	$44000	State Funds	Curriculum Coordinators, Technology Integration Specialist, School Technology Coaches, Teachers

Status	Progress Notes	Created On	Created By
In Progress	Many of our teachers are utilizing Google Classroom to introduce students to a Learning Management platform.	November 06, 2018	Becky Canoles
In Progress	Edmentum LMS is used for students in the At-Risk program at Blount County Career Tech and Bridges Academy (Virtual High School). Google Suites is being used with students grades 2 - 12 as a basic LMS.	October 09, 2017	Becky Canoles
In Progress	The district purchsed Edmentum to replace Edmodo in June 2016. Edmodo will be used as the LMS system for The Bridges Academy virtual school.	September 13, 2016	Becky Canoles
In Progress	Beginning with the 2015-2016 school year all students grades 6-12 in the district will have access to a Google education email account. This will allow teachers to utilize Google classroom as another learning management tool.	September 24, 2015	Brian Narrell
In Progress	Teachers were provided introductory Edmodo training during the 2014 summer. This LMS provides students access to complete teacher assignments when using the Nook/Chromebook tablet devices in their school. Locust Fork High School is piloting Google Classroom with their 12th graders as another possible viable option.	September 24, 2014	Becky Canoles

Activity - Primary Sources	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The District will provide a central location for teachers to access primary sources needed for teaching Alabama College and Career-Ready standards. This will be monitored through periodic review of the district web page, CIP walk-throughs and lesson plans at local schools. Additional resources are shared through Google Suite. Schools: All Schools	Academic Support Program	08/08/2016	05/28/2021	$0	No Funding Required	Technology Coordinator, Technology Integration Specialist, K-12 Curriculum Coordinator, School Improvement Specialist

Status	Progress Notes	Created On	Created By
In Progress	With the implementation of Google G-Suite, teachers and administrators are sharing resources through Team Drive.	October 22, 2018	Becky Canoles
In Progress	With the implementation of Google Apps for Education, teachers and staff are utilizing Google Drive and Classroom to share resources and work collaboratively on grade or subject level throughout the district.	September 13, 2016	Becky Canoles
In Progress	To provide immediate assistance to school technology coaches , we are implementing a knowledge-base on the district webpage. This knowledge-base will consist of quick fixes for reoccurring issues. In addition, the technology department can access a classroom computer remotely to provide immediate assistance and reduce down time.	September 24, 2015	Brian Narrell
In Progress	Resources are available to teachers on the Blount County website and on shared network drives at each school. The technology integration specialist and school technology coaches provide resources on an individual basis as needed.	September 24, 2014	Becky Canoles

Strategy 2:

Technology Leadership - Administrators will promote an environment professional learning and innovation that empowers educators to enhance student learning through the use of technology in the classroom. Administrators, District Technology Committee, and District Improvement Team members will work to provide resources for teacher use in the classroom, as well as time for teachers to collaborate regarding technology integration. There are four new District Initiative Half-Day Professional Learning days built into the 2018-2019 calendar targeting High Impact Instruction led by administrators and staff at the local school level.

Category: Develop/Implement Professional Learning and Support

Research Cited: Hattie, J. (2008). Visible Learning: A synthesis of over 800 meta-analyses relating to achievement. New York, NY: Routledge

Activity - Lab Resources	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

	Activity Type	Begin Date	End Date	Resource Assigned	Source of Funding	Staff Responsible
Administrators will promote the need for increased technologies to support the changes required by Alabama College and Career-Readiness Standards and Plan 2020. The district will maintain and upgrade technology infrastructure by upgrading computer labs on a three-year cycle. Computers in existing labs will be re-imaged and reallocated to classrooms as needed. To alleviate computer lab scheduling constraints and foster the BYOD initiative, the district purchased Chromebook carts for the elementary schools last year. We plan to upgrade the computer labs, servers and switches in 2018-2019, contingent upon funding. Our plan also includes a one-to-one Chromebook initiative with 3rd grade students in the district. Local schools will also purchase additional Chromebook carts. Individual teachers are working toward acquiring a classroom set of Chromebooks by applying for the BCEF (Blount County Education Foundation) grants. Schools: All Schools	Technology	08/08/2016	05/28/2021	$382150	Scholarship Fund, District Funding	Principals and Technology Coordinator

Status	Progress Notes	Created On	Created By
In Progress	The district implemented a 3rd Grade Chromebook initiative during the 2018-2019 school year. An additional grade level will be added each year.	October 22, 2018	Becky Canoles
In Progress	Each elementary school and two high school (Southeastern & Cleveland) will receive a Chromebook cart this year. The remaining schools will receive a cart during the 2017-2018 school year. Contingent upon Erate funding, switches will be upgraded/replaced to support the 2015-2016 wireless expansion	September 13, 2016	Becky Canoles
In Progress	During the 2014-2015 school year, all lab computers were replaced in the main high school, middle school, & elementary school labs. Existing computers were re-imaged and placed in secondary labs or classrooms according to needs revealed through state, district, and local surveys and inventories.	September 23, 2015	Becky Canoles
In Progress	Administrators review possible avenues to maintain current and emerging technologies for the classroom. Computers will be purchased (30 per school) for every school during the 2014-2015 year.	September 15, 2014	Becky Canoles

Activity - Collaboration	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Administrators will collaborate with teachers and other administrators within the local school or throughout the district to share best practice strategies through technology integration. Instructional leaders will engage in an ongoing collaborative process to develop, implement, and communicate the school and district technology plan. Schools: All Schools	Technology	08/08/2016	05/28/2021	$0	No Funding Required	Principals, Assistant Principals, LEA Coordinators

Status	Progress Notes	Created On	Created By
In Progress	With the implementation of Google G-Suite, administrators and leaders are sharing relevant information through the Classroom and Team Drive.	November 13, 2018	Becky Canoles
In Progress	The District Improvement Team, Technology Committee and local school committees work together to focus resources and money needed to meet the ever increasing use of technology.	September 13, 2016	Becky Canoles
In Progress	Administrators are actively involved in Continuous Improvement Plan (CIP) Core Instruction, Intervention, and Data reviews, as well as CIP planning meetings.	September 23, 2015	Becky Canoles
In Progress	Administrators are actively involved in Core Instruction Reviews and CIP meetings.	September 15, 2014	Becky Canoles

Activity - Technology Integration	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A Technology Integration Specialist will be employed to provide professional development to school based technology coaches, classroom teachers, and other personnel as necessary. School technology coaches will receive a small supplement and/or support to employ substitutes to facilitate assistance being provided through job-embedded professional development and technology troubleshooting. Additional training will be provided by Technology-in-Motion at Athens State University Regional Inservice Center. Schools: All Schools	Technology	08/08/2016	05/28/2021	$61414	Title I Schoolwide	Principal, School Technology Coach, Technology Coordinator, Federal Program Coordinator, Techology Integration Specialist, Curriculum Coordinators

Status	Progress Notes	Created On	Created By
In Progress	Four schools have contracted with a technology integration coach to provide in-depth Google training. They provide information for add-ons, & extensions to utilize resources and lessons for classroom instruction. The students are engaged and the teacher can use their existing lessons in an exciting platform. Many of our teachers are working toward their Google certification as a result of this initiative.	November 13, 2018	Becky Canoles
In Progress	The technololgy integration specialist provides G-Suite professional development for teachers during prep time or after school on a one-to-one, grade or subject level sessions. Teachers may also schedule pd for whole classroom instruction through calendly.com/canoles	October 22, 2018	Becky Canoles
In Progress	Technology in Motion, technology integration specialist, and school technology coaches provide instruction on school specific technologies to meet the professional development needs of the teachers. Workshops are offered on-site during prep times to alleviate the need for substitutes.	September 13, 2016	Becky Canoles
In Progress	The technology coordinator and integration specialist will join the Core Instruction Classroom Visit review team for classroom observation of technology integration in the classroom. This will reveal needs and/or weaknesses in individual schools.	September 24, 2015	Brian Narrell

In Progress	Professional development for technology integration is offered during the summer and throughout the year by Technology-in-Motion, technology integration specialist and the school technology coach.	September 15, 2014	Becky Canoles

Activity - Professional Learning	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Provide technology oriented professional development for the following: Training for intervention tools for teachers Training for technicians on hardware Training of principals/teachers, and school technology coaches by Technology Integration Specialist and Technology in Motion. Training of district administrators and coordinators, technology coordinator, technology integration specialist, network administrator, technology technicians, and school technology coaches will be offered as funds are available to attend AETA, ISTE. MEGA, FETC, and GRITC. Schools: All Schools	Academic Support Program	08/08/2016	05/28/2021	$8000	District Funding, Title I Part A	School Technology Coaches, Technology Integration Specialist, Family Engagement Specialist, Technology Coordinator, Technology Technicians, Technology Network Administrator, District Administrators and Coordinators

Status	Progress Notes	Created On	Created By
In Progress	The technology coordinator, technology technician, technology integration specialist & parental involvement specialist attended ISTE in June 2018. Additional district technology staff and a school technology coach will attend FETC in January 2018. Technology staff will attend additional certification training as funds become available.	November 13, 2018	Becky Canoles
In Progress	The technology integration specialist and parental involvement specialist attended ISTE, MEGA, Alabama School Resource Office TAASRO and AETA during the summer of 2014. This professional development opportunites provide the resources needed to produce engaging and innovative sessions for teachers and parents.	September 23, 2015	Becky Canoles
In Progress	The district provides training opportunities during the summer and school year for faculty and staff. Two school technology coaches (STC) attended the Alabama Education Technology Conference in Birmingham and 15 STC's, the technology integration specialist, network administrator and technology technician attended the International Technology Conference (ISTE) in Atlanta during the summer. The technology department (Technology Coordinator, Network Administrator, and 2 Technology Technician) attended Ubiquiti-Enterprise Wireless Admin training during the summer.	September 15, 2014	Becky Canoles

Measurable Objective 2:

demonstrate a behavior for educational administrators to promote an environment of professional learning and innovation that empowers educators to enhance student learning through infusion of contemporary technologies and digital resources by 05/22/2020 as measured by the increased resources and professional learning opportunities provided to the teachers by the school technology coaches and technology integration specialist.

Strategy 1:

Increased Professional Learning Opportunities - Increase the number of professional development opportunities available to school technology coaches and district

technology staff through ISTE (International Society for Technology in Education) and FETC (Future Education of Technology Conference) . Each year at least 1

STC (school technology coach) will be selected to attend ISTE and/or FETC as funds permit. Following the technology conference, the STC's, technology integration

specialist and other district technology staff will offer workshops during the school year and summer months on current and emerging technologies and digital

resources. We believe this train-the-trainer method is the most efficient and effective means of disseminating the newly garnered knowledge to the target audience

thus allowing teachers to integrate technology into their daily curriculum to increase student engagement. Additionally, each representative will share ideas with the

other members of the district technology team at the semi-annual STC meeting.

Category: Develop/Implement Professional Learning and Support

Research Cited: "ERIC - Examining the Effectiveness of a Train-the-Trainer Model ...." https://eric.ed.gov/?id=ED518863. Accessed 17 Oct. 2017.

Activity - Technology Conferences	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology integration specialist, network administrator, technology technicians, network administrators, school technology coaches and family engagement specialist may attend the ISTE/AETC conference. School technology coaches may attend conferences as funds are available. Schools: All Schools	Technology	08/08/2016	05/28/2021	$6718	Title I Part A, District Funding	Technology Coordinator, Technology Integration Specialist, Network Administrator, School Technology Coaches, Family Engagement Specialist, Federal Program Coordinator

Status	Progress Notes	Created On	Created By

In Progress	The technololgy coordinator, technology technician, and technology integration specialist will attend Future of Education Technology (FETC) in January 2019.	October 22, 2018	Becky Canoles
In Progress	The technology integration specialist and family engagement specialist will attend ISTE during the summer of 2017. Workshops will be offered to teachers and staff to share resources and information following the event. The school technology coaches will be provided current information on new technologies to share with the local school via the train-the-trainer method.	September 13, 2016	Becky Canoles
In Progress	Due to funding restraints, the school technology coaches were unable to attend ISTE. The parental involvement specialist and technology integration specialist attended ISTE during the summer of 2015.	September 23, 2015	Becky Canoles
In Progress	Due to the proximity of the conference, the majority of our school technology coaches (STC) were able to attend ISTE. The technology integration specialist and 2 STC's plan on attending ISTE 2015 if funds are available.	September 15, 2014	Becky Canoles

Activity - Professional Learning	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The technology integration specialist, network technician, and technology technicians will present workshops on current and emerging technologies and resources following attendance at the ISTE, AETA, and FETC, conferences. Schools: All Schools	Technology	08/08/2016	05/21/2021	$0	No Funding Required	Technology coordinator, technology integration specialist, network technician, technology technicians, and school technology coaches.

Status	Progress Notes	Created On	Created By
In Progress	STC's attended a one-day training on emerging technologies provided by the technology integration specialist, technology coordinator, technology technicians, and network technician.	September 23, 2015	Becky Canoles
In Progress	The technology integration specialist facilitated a 22-vendor technology showcase in August. Several of the school technology coaches (STC) provided tech support for the event. Every STC will provide 2 full-day training sessions for facutly and staff during the first semester of the 2014-2015 school year.	September 24, 2014	Becky Canoles

Activity - FETC	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

District technology personnel, technology integration specialist, and local school technology coaches will attend FETC (Future of Education Technology Conference) to explore new technologies. Schools: All Schools	Professional Learning	01/23/2017	05/21/2021	$2770	District Funding	Technology Coordinator

Goal 2: Engage and Empower the Learner Through Technology

Measurable Objective 1:

A 2% increase of All Students will demonstrate a behavior of sound understanding of technology concepts, systems, and operations in Career & Technical by 05/21/2021 as measured by Alabama Transform 2020 Technology Survey..

Strategy 1:

Technology Literacy - All schools will provide focused basic computer skills instruction to build technological literacy. The media specialist and teachers will collaborate to cover the research, information, communication, and collaboration objectives in the technology COS. Digital Citizenship is reviewed with every student at the beginning of each school year. The district reviews and/or revises the acceptable use policy on an annual basis. To obtain baseline data, the Kuder evidence-based career assessment will be given at the beginning of the year to the 9th graders. This assessment will be used toward education planning, and guidance resources.

   All students are also required to complete the Alabama Career Preparedness course which focuses on three integrated areas of instruction – academic planning and career development, financial literacy, and technology. Course content ranges from college and career preparation to computer literacy skills to ways to manage personal finances and reduce personal risk. The area of technology is designed to be interwoven throughout course instruction. Mastery of the content standards provides a strong foundation for student acquisition of the skills, attitudes, and knowledge that enables them to achieve success in school, at work, and across the life span. Simulations and projects promoting leadership skills offer further opportunities for application of knowledge and skills. This course also equips students with the skills needed for business and industry, continuing education, and lifelong learning. Acquisition of these skills is achieved by incorporating content and strategies that allow students to meet the required 20-hour online experience as defined by the Alabama State Department of Education.

Category: Develop/Implement College and Career Ready Standards

Research Cited: Alsde: Alabama college and career ready initiative (alabama common core standards). (n.d.). Retrieved from http://www.alsde.edu/home/General/alccs.aspx

Morton, J. (n.d.). Alabama course of study technology education. Retrieved from www.alsde.edu

Activity - College & Career Readiness	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
K-8 teachers will implement College and Career-Readiness Standards, including those that require students to utilize technology. Schools: All Schools	Academic Support Program	08/08/2016	05/21/2021	$0	No Funding Required	K-8 teachers

Status	Progress Notes	Created On	Created By
In Progress	The majority of our schools are working toward a one-to-one Chromebook initiative.	November 13, 2018	Becky Canoles
In Progress	The district and local schools are purchasing Chromebook carts to ease the computer lab scheduling conflicts and increase device to student ratio.	September 13, 2016	Becky Canoles
In Progress	With the implementation of the BYOD initiative, students will have expanded opportunities to meet the CCRS goals.	September 23, 2015	Becky Canoles
In Progress	K-8 teachers continue to implement College and Career-Readiness Standards, including those that require students to utilize technology.	September 22, 2014	Becky Canoles

Activity - Professional Development	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The Technology Integration Specialist provides ongoing professional development to school technology coaches to increase student technological literacy. Additional training is available from Technology in Motion. Schools: All Schools	Professional Learning	08/08/2016	05/28/2021	$68164	Title II Part A, Title I Part A	Technology Integration Specialist, TIM

Status	Progress Notes	Created On	Created By
In Progress	The 3rd grade Chromebook initiative has generated the need for additional training in the classroom with teachers and students. The technology integration specialist continues to provide training with students and/or teachers as needed.	November 13, 2018	Becky Canoles
In Progress	The technology integration specialist provides training in the classroom with students and teachers grades 2-12. These sessions include basic Chromebook navigation skills, Google Drive, Docs, Classroom etc. Sessions are scheduled at calendly.com/canoles	October 22, 2018	Becky Canoles
In Progress	Due to the implementation of Google Apps for Education during the summer of 2016, professional development opportunities have increased to an almost daily occurrence. The technology integration specialist provides learning opportunities during prep-times or after school on an as-needed basis. Teachers sign up for skill specific professional development. This method allows the teacher to become confident and proficient in the skills needed to improve technology and collaboration in the classroom.	September 13, 2016	Becky Canoles

In Progress	In addition to the bi-annual STC training opportunites, the technology integration specialist will rotate throughout the district to provide training opportunities to teachers on an individual or group basis according to local needs. These are offered during prep time and/or after school hours.	September 23, 2015	Becky Canoles
In Progress	The technology integration specialist provides on-going professional development throughout the year to the school technology coaches on a collaborative and individual basis as needed.	September 22, 2014	Becky Canoles

Activity - Instructional and Tutorial Software	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
To support core instruction and tutoring/intervention, Blount County School district provides Waterford, Alternate Behavior Educator, DreamBox, MobyMax, Edmentum, Google Suites and PAR. Schools may utilize Title I allocations to support additional software to meet their student learning needs. Schools: All Schools	Academic Support Program	08/08/2016	05/28/2021	$87620	District Funding, Title I Part C	Federal Programs

Status	Progress Notes	Created On	Created By
In Progress	Teachers are beginning to embrace Google Suites as a method to provide a basic learning management system and a platform for collaborative projects in grades 3 - 12. The technology integration specialist provides introductory learning opportunities for students and teachers as they integrate this tool into the daily lesson planning.	October 12, 2017	Becky Canoles
In Progress	With the implementation of Google Apps for Education, teachers are utilizing Google Drive and Classroom to engage the students in a blended learning platform to prepare them for College and Career. K-6 students have a Gmail account which allows them to submit work via Google Drive or Classroom. (They do not have email rights) Students in grades 7-12 are utilizing the full scope of opportunities offered by Google Apps for Education.	September 13, 2016	Becky Canoles
In Progress	During the 2014-2015 school year, we purchased the Microsoft (Enterprise - E.S.) Office Volume licensing agreement. We will renew this in October 2015. Through this license agreement, we can provide the most current Office suite so that our students can meet the CCRS standards.	September 24, 2015	Becky Canoles
In Progress	Teachers in grades K-3 utilize web-based resources for keyboard instruction. Many schools are purchasing Chromebooks instead of tablet devices to provide additional keyboarding opportunities within the classroom setting.	September 23, 2015	Becky Canoles
In Progress	Teachers throughout the district are writing grants and using classroom funds to purchase additional Forte devices to meet the pressing need for keyboard proficiency on the ASPIRE assessment.	September 23, 2015	Becky Canoles
In Progress	All of the elementary schools will receive a lab set of Forte Keyboards to use daily with 3rd grade students for intense keyboarding instruction. Several of the schools are utilizing Microtype Pro keyboarding software for keyboard remediation and review. The media specialist and 8th grade English teachers at Hayden high school have implemented this program in the library to increase keyboarding proficiency with their 8th grade students.	September 24, 2014	Becky Canoles

Goal 3: All educators and students will have tools to access a comprehensive, viable infrastructure when and where they need it.

Status	Progress Notes	Created On	Created By
N/A	Contingent upon FY16 Erate funding, we will upgrade switches, modules, cables, and related components to upgrade existing LAN to meet WIRED requirements.	July 21, 2016	Becky Canoles

Measurable Objective 1:

collaborate to ensure students, teachers, and administrators have the necessary tools available to access the Internet, digital learning resources, productivity tools, online assessments, and data (educators)   by 05/28/2021 as measured by higher graduation rates, improved test scores, and increased student to device ratio..

Strategy 1:

Technology Upgrades - The LEA and Focus schools will increase number of mobile and computer labs as funds are available to facilitate greater adoption of student focused technologies to improve engagement. Local schools will use Title I/FOCUS funds to purchase additional Chromebook carts. This will help alleviate some of the scheduling issues and meet the needs in individual classrooms for students that do not own a device.

Category: Other - Technology

Research Cited: "Bring Your.. own Device.. - EdTech Magazine." 2014. 13 Sep. 2016 <http://www.edtechmagazine.com/k12/sites/default/files/111331-wp-k12-byod-df.pdf>

Activity - Chromebook Carts	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

Purchase additional Chromebook Carts (30 devices) for the schools to expand mobile labs and meet an increasing need for digital devices in the classroom. Schools: All Schools	Technology, Academic Support Program	08/08/2016	05/21/2021	$167750	District Funding, Other, Title I Part A	LEA District Technology Coordinator, Federal Programs Coordinator, Asst Principal, Curriculum, Principals, CIP Committee Members

Status	Progress Notes	Created On	Created By
In Progress	Contingent upon funding, we will add Chromebooks for 4th grade during the 2018-2019 school year.	October 22, 2018	Becky Canoles
In Progress	Contingent upon funding, all 3rd graders will receive a Chromebook to implement a One-to-One initiative. Through the CIP plan and budget, many schools are adding additional Chromebooks and/or carts with their Title I or FOCUS funds. Teachers are applying for grants through the BCEF (Blount County Education Foundation) grant process to expand classroom sets of Chromebooks. Several collaborative grants have been submitted which would be used to fund a Chromebook cart that would be shared with a grade level.	October 12, 2017	Becky Canoles

Activity - Lab Expansions	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
The LEA will upgrade existing labs and purchase Chromebook Carts to alleviate lab scheduling conflicts and revitalize existing computer labs. Existing lab computers will be re-imaged and reallocated to classrooms according to the needs observed in the 2018-2019 technology inventory. Schools: All Schools	Technology, Academic Support Program	10/03/2016	05/21/2021	$151850	District Funding, District Funding	LEA Technology Coordinator, Principals, Federal Programs Coordinator

Status	Progress Notes	Created On	Created By
In Progress	The computers will be replaced this year in the elementary labs. Teacher computers will be replaced at the Blount County Learning Center and Blount County Career Technical Center.	October 22, 2018	Becky Canoles

Activity - ADA Compliant Website	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

Upgrade the website to meet ADA (Americans with Disabilities Act) regulations. This new platform will allow us to manage a district Facebook & Twitter feed. Extensive training will occur so that each school will be able to build/maintain their own webpage. Schools: All Schools	Technology, Community Engagement, Parent Involvement	01/01/2018	05/21/2021	$14000	District Funding	Technology Coordinator, Asst Superintendent, Curriculum, Technology Integration Specialist

Status	Progress Notes	Created On	Created By
In Progress	The district and school websites were upgraded during the summer of 2018 to meet ADA compliance. This new platform also includes District social media & a robust voice, text, and email notification system.	October 22, 2018	Becky Canoles

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

Title IV Part A

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Professional Learning	State, District, or Local staff will plan and deliver professional development opportunities for teachers to create effective, challenge-based lessons and units that require students to apply content through real-world experiences. Teachers receiving training will collaborate and share with colleagues through data meetings, shared network resources, and Google Suite.	Professional Learning	08/08/2016	05/28/2021	$10000	Ed-Tech, Athens State Technology-in-Motion, Technology Integration Specialist, Curriculum Coordinators, School Technology Coaches, Teachers
				Total	$10000	

Title II Part A

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Professional Development	The Technology Integration Specialist provides ongoing professional development to school technology coaches to increase student technological literacy. Additional training is available from Technology in Motion.	Professional Learning	08/08/2016	05/28/2021	$150	Technology Integration Specialist, TIM
Professional Learning	State, District, or Local staff will plan and deliver professional development opportunities for teachers to create effective, challenge-based lessons and units that require students to apply content through real-world experiences. Teachers receiving training will collaborate and share with colleagues through data meetings, shared network resources, and Google Suite.	Professional Learning	08/08/2016	05/28/2021	$22000	Ed-Tech, Athens State Technology-in-Motion, Technology Integration Specialist, Curriculum Coordinators, School Technology Coaches, Teachers

Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
				Total	$49030	

State Funds

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Learning Management System	Teachers will utilize Edmentum and Google Suite to share educational content and have students engage in conversations about classroom topics. Teachers also engage in professional development with a global community of educators.	Technology	06/20/2016	05/28/2021	$44000	Curriculum Coordinators, Technology Integration Specialist, School Technology Coaches, Teachers
				Total	$44000	

Title I Part C

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Instructional and Tutorial Software	To support core instruction and tutoring/intervention, Blount County School district provides Waterford, Alternate Behavior Educator, DreamBox, MobyMax, Edmentum, Google Suites and PAR. Schools may utilize Title I allocations to support additional software to meet their student learning needs.	Academic Support Program	08/08/2016	05/28/2021	$43620	Federal Programs
				Total	$43620	

Title I Part A

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible

Technology Conferences	Technology integration specialist, network administrator, technology technicians, network administrators, school technology coaches and family engagement specialist may attend the ISTE/AETC conference. School technology coaches may attend conferences as funds are available.	Technology	08/08/2016	05/28/2021	$3359	Technology Coordinator, Technology Integration Specialist, Network Administrator, School Technology Coaches, Family Engagement Specialist, Federal Program Coordinator
Chromebook Carts	Purchase additional Chromebook Carts (30 devices) for the schools to expand mobile labs and meet an increasing need for digital devices in the classroom.	Technology, Academic Support Program	08/08/2016	05/21/2021	$58000	LEA District Technology Coordinator, Federal Programs Coordinator, Asst Principal, Curriculum, Principals, CIP Committee Members
Professional Learning	Provide technology oriented professional development for the following: Training for intervention tools for teachers Training for technicians on hardware Training of principals/teachers, and school technology coaches by Technology Integration Specialist and Technology in Motion. Training of district administrators and coordinators, technology coordinator, technology integration specialist, network administrator, technology technicians, and school technology coaches will be offered as funds are available to attend AETA, ISTE. MEGA, FETC, and GRITC.	Academic Support Program	08/08/2016	05/28/2021	$2000	School Technology Coaches, Technology Integration Specialist, Family Engagement Specialist, Technology Coordinator, Technology Technicians, Technology Network Administrator, District Administrators and Coordinators

Professional Development	The Technology Integration Specialist provides ongoing professional development to school technology coaches to increase student technological literacy. Additional training is available from Technology in Motion.	Professional Learning	08/08/2016	05/28/2021	$68014	Technology Integration Specialist, TIM
				Total	$131373	

Scholarship Fund

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Lab Resources	Administrators will promote the need for increased technologies to support the changes required by Alabama College and Career-Readiness Standards and Plan 2020. The district will maintain and upgrade technology infrastructure by upgrading computer labs on a three-year cycle. Computers in existing labs will be re-imaged and reallocated to classrooms as needed. To alleviate computer lab scheduling constraints and foster the BYOD initiative, the district purchased Chromebook carts for the elementary schools last year. We plan to upgrade the computer labs, servers and switches in 2018-2019, contingent upon funding. Our plan also includes a one-to-one Chromebook initiative with 3rd grade students in the district. Local schools will also purchase additional Chromebook carts. Individual teachers are working toward acquiring a classroom set of Chromebooks by applying for the BCEF (Blount County Education Foundation) grants.	Technology	08/08/2016	05/28/2021	$125000	Principals and Technology Coordinator
				Total	$125000	

Title I Schoolwide

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Technology Integration	A Technology Integration Specialist will be employed to provide professional development to school based technology coaches, classroom teachers, and other personnel as necessary. School technology coaches will receive a small supplement and/or support to employ substitutes to facilitate assistance being provided through job-embedded professional development and technology troubleshooting. Additional training will be provided by Technology-in-Motion at Athens State University Regional Inservice Center.	Technology	08/08/2016	05/28/2021	$61414	Principal, School Technology Coach, Technology Coordinator, Federal Program Coordinator, Technology Integration Specialist, Curriculum Coordinators
				Total	$61414	

Other

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Chromebook Carts	Purchase additional Chromebook Carts (30 devices) for the schools to expand mobile labs and meet an increasing need for digital devices in the classroom.	Technology, Academic Support Program	08/08/2016	05/21/2021	$7000	LEA District Technology Coordinator, Federal Programs Coordinator, Asst Principal, Curriculum, Principals, CIP Committee Members
				Total	$7000	

District Funding

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Technology Conferences	Technology integration specialist, network administrator, technology technicians, network administrators, school technology coaches and family engagement specialist may attend the ISTE/AETC conference. School technology coaches may attend conferences as funds are available.	Technology	08/08/2016	05/28/2021	$3359	Technology Coordinator, Technology Integration Specialist, Network Administrator, School Technology Coaches, Family Engagement Specialist, Federal Program Coordinator
FETC	District technology personnel, technology integration specialist, and local school technology coaches will attend FETC (Future of Education Technology Conference) to explore new technologies.	Professional Learning	01/23/2017	05/21/2021	$2770	Technology Coordinator
Instructional and Tutorial Software	To support core instruction and tutoring/intervention, Blount County School district provides Waterford, Alternate Behavior Educator, DreamBox, MobyMax, Edmentum, Google Suites and PAR. Schools may utilize Title I allocations to support additional software to meet their student learning needs.	Academic Support Program	08/08/2016	05/28/2021	$44000	Federal Programs

Lab Expansions	The LEA will upgrade existing labs and purchase Chromebook Carts to alleviate lab scheduling conflicts and revitalize existing computer labs. Existing lab computers will be re-imaged and reallocated to classrooms according to the needs observed in the 2018-2019 technology inventory.	Technology, Academic Support Program	10/03/2016	05/21/2021	$68000	LEA Technology Coordinator, Principals, Federal Programs Coordinator
Professional Learning	Provide technology oriented professional development for the following: Training for intervention tools for teachers Training for technicians on hardware Training of principals/teachers, and school technology coaches by Technology Integration Specialist and Technology in Motion. Training of district administrators and coordinators, technology coordinator, technology integration specialist, network administrator, technology technicians, and school technology coaches will be offered as funds are available to attend AETA, ISTE. MEGA, FETC, and GRITC.	Academic Support Program	08/08/2016	05/28/2021	$6000	School Technology Coaches, Technology Integration Specialist, Family Engagement Specialist, Technology Coordinator, Technology Technicians, Technology Network Administrator, District Administrators and Coordinators
Lab Expansions	The LEA will upgrade existing labs and purchase Chromebook Carts to alleviate lab scheduling conflicts and revitalize existing computer labs. Existing lab computers will be re-imaged and reallocated to classrooms according to the needs observed in the 2018-2019 technology inventory.	Technology, Academic Support Program	10/03/2016	05/21/2021	$83850	LEA Technology Coordinator, Principals, Federal Programs Coordinator
Chromebook Carts	Purchase additional Chromebook Carts (30 devices) for the schools to expand mobile labs and meet an increasing need for digital devices in the classroom.	Technology, Academic Support Program	08/08/2016	05/21/2021	$102750	LEA District Technology Coordinator, Federal Programs Coordinator, Asst Principal, Curriculum, Principals, CIP Committee Members

ADA Compliant Website	Upgrade the website to meet ADA (Americans with Disabilities Act) regulations. This new platform will allow us to manage a district Facebook & Twitter feed. Extensive training will occur so that each school will be able to build/maintain their own webpage.	Technology, Community Engagement, Parent Involvement	01/01/2018	05/21/2021	$14000	Technology Coordinator, Asst Superintendent, Curriculum, Technology Integration Specialist
Lab Resources	Administrators will promote the need for increased technologies to support the changes required by Alabama College and Career-Readiness Standards and Plan 2020. The district will maintain and upgrade technology infrastructure by upgrading computer labs on a three-year cycle. Computers in existing labs will be re-imaged and reallocated to classrooms as needed. To alleviate computer lab scheduling constraints and foster the BYOD initiative, the district purchased Chromebook carts for the elementary schools last year. We plan to upgrade the computer labs, servers and switches in 2018-2019, contingent upon funding. Our plan also includes a one-to-one Chromebook initiative with 3rd grade students in the district. Local schools will also purchase additional Chromebook carts. Individual teachers are working toward acquiring a classroom set of Chromebooks by applying for the BCEF (Blount County Education Foundation) grants.	Technology	08/08/2016	05/28/2021	$257150	Principals and Technology Coordinator
				Total	$581879	

No Funding Required

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Professional Learning	The technology integration specialist, network technician, and technology technicians will present workshops on current and emerging technologies and resources following attendance at the ISTE, AETA, and FETC, conferences.	Technology	08/08/2016	05/21/2021	$0	Technology coordinator, technology integration specialist, network technician, technology technicians, and school technology coaches.
College & Career Readiness	K-8 teachers will implement College and Career-Readiness Standards, including those that require students to utilize technology.	Academic Support Program	08/08/2016	05/21/2021	$0	K-8 teachers

Collaboration	Administrators will collaborate with teachers and other administrators within the local school or throughout the district to share best practice strategies through technology integration. Instructional leaders will engage in an ongoing collaborative process to develop, implement, and communicate the school and district technology plan.	Technology	08/08/2016	05/28/2021	$0	Principals, Assistant Principals, LEA Coordinators
Digital Classroom Experience	Technology Integration Specialist and School Technology Coaches will collaborate with teachers to better utilize Skype and/or Interactive Video Conferencing to bring professionals and professors into the classroom to discuss relevant, real-world content. This may include virtual field trips sponsored by the Alabama State Department of Education through Technology Initiatives. IVC equipment was purchased for the elementary schools. All of the high schools IVC equipment has been upgraded.	Technology	08/15/2015	05/28/2021	$0	Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Teachers
Primary Sources	The District will provide a central location for teachers to access primary sources needed for teaching Alabama College and Career-Ready standards. This will be monitored through periodic review of the district web page, CIP walk-throughs and lesson plans at local schools. Additional resources are shared through Google Suite.	Academic Support Program	08/08/2016	05/28/2021	$0	Technology Coordinator, Technology Integration Specialist, K-12 Curriculum Coordinator, School Improvement Specialist
				Total	$0	

Activity Summary by School

Below is a breakdown of activity by school.

All Schools

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
College & Career Readiness	K-8 teachers will implement College and Career-Readiness Standards, including those that require students to utilize technology.	Academic Support Program	08/08/2016	05/21/2021	$0	K-8 teachers
Professional Development	The Technology Integration Specialist provides ongoing professional development to school technology coaches to increase student technological literacy. Additional training is available from Technology in Motion.	Professional Learning	08/08/2016	05/28/2021	$68164	Technology Integration Specialist, TIM
Instructional and Tutorial Software	To support core instruction and tutoring/intervention, Blount County School district provides Waterford, Alternate Behavior Educator, DreamBox, MobyMax, Edmentum, Google Suites and PAR. Schools may utilize Title I allocations to support additional software to meet their student learning needs.	Academic Support Program	08/08/2016	05/28/2021	$87620	Federal Programs
Digital Classroom Experience	Technology Integration Specialist and School Technology Coaches will collaborate with teachers to better utilize Skype and/or Interactive Video Conferencing to bring professionals and professors into the classroom to discuss relevant, real-world content. This may include virtual field trips sponsored by the Alabama State Department of Education through Technology Initiatives. IVC equipment was purchased for the elementary schools. All of the high schools IVC equipment has been upgraded.	Technology	08/15/2015	05/28/2021	$0	Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Teachers
Professional Learning	State, District, or Local staff will plan and deliver professional development opportunities for teachers to create effective, challenge-based lessons and units that require students to apply content through real-world experiences. Teachers receiving training will collaborate and share with colleagues through data meetings, shared network resources, and Google Suite.	Professional Learning	08/08/2016	05/28/2021	$32000	Ed-Tech, Athens State Technology-in-Motion, Technology Integration Specialist, Curriculum Coordinators, School Technology Coaches, Teachers

Learning Management System	Teachers will utilize Edmentum and Google Suite to share educational content and have students engage in conversations about classroom topics. Teachers also engage in professional development with a global community of educators.	Technology	06/20/2016	05/28/2021	$44000	Curriculum Coordinators, Technology Integration Specialist, School Technology Coaches, Teachers
Primary Sources	The District will provide a central location for teachers to access primary sources needed for teaching Alabama College and Career-Ready standards. This will be monitored through periodic review of the district web page, CIP walk-throughs and lesson plans at local schools. Additional resources are shared through Google Suite.	Academic Support Program	08/08/2016	05/28/2021	$0	Technology Coordinator, Technology Integration Specialist, K-12 Curriculum Coordinator, School Improvement Specialist
Lab Resources	Administrators will promote the need for increased technologies to support the changes required by Alabama College and Career-Readiness Standards and Plan 2020. The district will maintain and upgrade technology infrastructure by upgrading computer labs on a three-year cycle. Computers in existing labs will be re-imaged and reallocated to classrooms as needed. To alleviate computer lab scheduling constraints and foster the BYOD initiative, the district purchased Chromebook carts for the elementary schools last year. We plan to upgrade the computer labs, servers and switches in 2018-2019, contingent upon funding. Our plan also includes a one-to-one Chromebook initiative with 3rd grade students in the district. Local schools will also purchase additional Chromebook carts. Individual teachers are working toward acquiring a classroom set of Chromebooks by applying for the BCEF (Blount County Education Foundation) grants.	Technology	08/08/2016	05/28/2021	$382150	Principals and Technology Coordinator
Collaboration	Administrators will collaborate with teachers and other administrators within the local school or throughout the district to share best practice strategies through technology integration. Instructional leaders will engage in an ongoing collaborative process to develop, implement, and communicate the school and district technology plan.	Technology	08/08/2016	05/28/2021	$0	Principals, Assistant Principals, LEA Coordinators

Technology Integration	A Technology Integration Specialist will be employed to provide professional development to school based technology coaches, classroom teachers, and other personnel as necessary. School technology coaches will receive a small supplement and/or support to employ substitutes to facilitate assistance being provided through job-embedded professional development and technology troubleshooting. Additional training will be provided by Technology-in-Motion at Athens State University Regional Inservice Center.	Technology	08/08/2016	05/28/2021	$61414	Principal, School Technology Coach, Technology Coordinator, Federal Program Coordinator, Technology Integration Specialist, Curriculum Coordinators
Professional Learning	Provide technology oriented professional development for the following: Training for intervention tools for teachers Training for technicians on hardware Training of principals/teachers, and school technology coaches by Technology Integration Specialist and Technology in Motion. Training of district administrators and coordinators, technology coordinator, technology integration specialist, network administrator, technology technicians, and school technology coaches will be offered as funds are available to attend AETA, ISTE. MEGA, FETC, and GRITC.	Academic Support Program	08/08/2016	05/28/2021	$8000	School Technology Coaches, Technology Integration Specialist, Family Engagement Specialist, Technology Coordinator, Technology Technicians, Technology Network Administrator, District Administrators and Coordinators
Technology Conferences	Technology integration specialist, network administrator, technology technicians, network administrators, school technology coaches and family engagement specialist may attend the ISTE/AETC conference. School technology coaches may attend conferences as funds are available.	Technology	08/08/2016	05/28/2021	$6718	Technology Coordinator, Technology Integration Specialist, Network Administrator, School Technology Coaches, Family Engagement Specialist, Federal Program Coordinator

Professional Learning	The technology integration specialist, network technician, and technology technicians will present workshops on current and emerging technologies and resources following attendance at the ISTE, AETA, and FETC, conferences.	Technology	08/08/2016	05/21/2021	$0	Technology coordinator, technology integration specialist, network technician, technology technicians, and school technology coaches.
Chromebook Carts	Purchase additional Chromebook Carts (30 devices) for the schools to expand mobile labs and meet an increasing need for digital devices in the classroom.	Technology, Academic Support Program	08/08/2016	05/21/2021	$167750	LEA District Technology Coordinator, Federal Programs Coordinator, Asst Principal, Curriculum, Principals, CIP Committee Members
Lab Expansions	The LEA will upgrade existing labs and purchase Chromebook Carts to alleviate lab scheduling conflicts and revitalize existing computer labs. Existing lab computers will be re-imaged and reallocated to classrooms according to the needs observed in the 2018-2019 technology inventory.	Technology, Academic Support Program	10/03/2016	05/21/2021	$151850	LEA Technology Coordinator, Principals, Federal Programs Coordinator
FETC	District technology personnel, technology integration specialist, and local school technology coaches will attend FETC (Future of Education Technology Conference) to explore new technologies.	Professional Learning	01/23/2017	05/21/2021	$2770	Technology Coordinator
ADA Compliant Website	Upgrade the website to meet ADA (Americans with Disabilities Act) regulations. This new platform will allow us to manage a district Facebook & Twitter feed. Extensive training will occur so that each school will be able to build/maintain their own webpage.	Technology, Community Engagement, Parent Involvement	01/01/2018	05/21/2021	$14000	Technology Coordinator, Asst Superintendent, Curriculum, Technology Integration Specialist
				Total	$1026436	

Susan Moore High School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
				Total	$26880	

Susan Moore Elementary School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
				Total	$26880	

Southeastern School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible

Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
				Total	$26880	

Locust Fork High School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
				Total	$26880	

Locust Fork Elementary School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible

Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
			Total		$26880	

J.B. Pennington High School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
				Total	$26880	

Hayden Primary School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible

Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
			Total		$26880	

Hayden Middle School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
			Total		$26880	

Hayden High School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible

Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
			Total		$26880	

Hayden Elementary School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
			Total		$26880	

Cleveland High School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible

Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
			Total		$26880	

Cleveland Elementary School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
			Total		$26880	

Blountsville Elementary School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible

Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
			Total		$26880	

Appalachian School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Technology Coaches	The district will provide support and fund stipends for School Technology Coaches to increase technology integration in the classroom to better prepare students to be college and career-ready. All schools have an Assistant Technology Coach to provide additional professional development and support to teachers and students. All School Technology Coaches and Assistant Technology Coaches will receive a Chomebook. This will allow them the hands-on experience needed to train teachers and students in the use and navigation of the device.	Professional Learning	07/01/2014	05/28/2021	$26880	Federal Programs, Technology Coordinator, Technology Integration Specialist, School Technology Coaches, Assistant School Technology Coaches
			Total		$26880	