Alabama Technology Plan

Troy City Board of Education

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Executive Summary

Introduction

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

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

Description of the School System

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

Troy City School System is dedicated to providing the best possible education for all of our students.   The system is comprised of three schools serving approximately 2100 students. Troy Elementary School serves Pre-K through sixth grade, Charles Henderson Middle School serves seventh grade through eighth grade, and Charles Henderson High School serves ninth grade through twelfth grade. Troy City School System shares the career technical center with the Pike County School System. The racial and ethnic breakdown of our system is 62% African-American students, 32% Caucasian students, and 5% other ethnicities. The number of students receiving free meals is 59%, while 6% receive reduced meals. System-wide, 63.5% of our students come from lower socioeconomic households.   Troy City School System employs 11 administrators, 76 support staff members, and 154 instructional staff members with 66% of these having advanced degrees of a master's or higher. Troy City Schools has a 14:1 student teacher ratio which is well below the Alabama State average of 16:1.

Troy City Schools are located in Troy, Alabama, which is the county seat and largest city in Pike County. The City of Troy has a population of 18,025, while Pike County's population is 32,915. Population dispersion shows that Troy is 55% Caucasian, 39% African-American, and 6% other ethnic groups. The annual median income is $27,609, with 31% of the population living below the poverty level. Located approximately fifty miles south of Montgomery and fifty miles north of Dothan, Troy is easily accessible to all areas of the southeast.

In the past four years our system has undergone changes in leadership. Troy City Schools has had three superintendents, three principals at Charles Henderson High School, three principals at Charles Henderson Middle School, and two principals at Troy Elementary School. Our system has also had three different special education coordinators, along with changes in roles and duties within central office staffing.

One of our unique features is the location of Troy University, which is within one mile of all schools. Being a residential campus, Troy University plays a vital role by supporting our students, in such areas as tutoring, translating for English Language Learners, mentoring at-risk students, and providing assistance in the fine arts programs within our system. Troy University also offers additional educational experiences through university internships. Due to the proximity of Troy University, our students have the opportunity to participate in dual enrollment and Global Studies.

Two special challenges for our school community are lack of employment for the single parent population (67% system wide) and parental involvement. Although our city has progressed industrially, the lack of jobs for our single female population is prevalent. Due to the lack of jobs, these women are being forced to relocate in order to provide for their families. Since the 2003 school year, our system's enrollment has decreased; however, we have experienced an increase in enrollment under current leadership. The second challenge is the lack of parental involvement which is due to the majority of our parents working in environments that do not offer flexible time for them to attend school events. While parent surveys indicate that the system provides opportunities for stakeholders to be involved in the schools, we continue to see a decrease in parental involvement as the students progress to the middle and high schools.

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.

The overall focus of the Troy City School System is to teach all students and to help them become responsible citizens. This is guided by our vision, mission, and beliefs. Our vision, "Trojans Committed to Success," drives program offerings and expectations for students. The mission of the Troy City School District is to provide a meaningful and useful education for our children based on a sound philosophy with clear and strong commitments to goals. It treats our students with dignity and respect. Each child progresses in intellectual, social, personal, physical dimensions, and skills in such a manner that productive and useful lives result.

Troy City School System's beliefs influence the processes and procedures by which the school system makes decisions around curriculum, instruction, assessment, and achievement. Our beliefs are:

- All students are entitled to a quality education in a safe and pleasant environment.
- All students are capable of learning.
- All students should be treated with fairness and compassion which foster self-worth.
- The education process is one of continuous improvement.
- All students deserve the opportunity to be successful.
- Our total school environment promotes positive self-images and self-respect within each student.
- All students should be educated to their fullest potential.
- Schools are partners with parents, guardians, custodians, and the community.
- School system planning is a responsibility of the Central Office staff, employees, parents, guardians, custodians, and community.
- All resources should be used for educational purposes which benefit students.
- All students should understand that the board has an expectation of student behavior that includes good conduct and that each student understands that school attendance in Troy City Schools is both a right and a privilege.

Our system embodies its purpose through program offerings and expectations for students. We expect all students to master objectives as outlined in the Alabama Courses of Study in all disciplines, as well as the Alabama College and Career Readiness Initiative. Troy City Schools offer a curriculum that is challenging through basic, remedial, and advanced classes. The curriculum reflects a commitment to equality, appreciation of diversity, and recognition of different learning styles. The technologically rich environment allows students the opportunity to extend beyond the traditional classroom setting. In fact, our system piloted one of the first ACCESS (Alabama Connecting Classrooms, Education, & Students Statewide) web-based academic programs. This provides opportunities for our students that would not have otherwise been possible through additional elective courses and credit recovery classes. Additionally, extra-curricular activities afford our students the opportunity to excel beyond the academic disciplines. We offer programs in band; art; choral; culinary arts; business, finance, and accounting; drama; ROTC; and athletics including football, baseball, softball, basketball, archery, tennis, soccer, volleyball, golf, cross country, and track. Through our programs we are able to provide learning environments that are rich in wellness and growth opportunities for all students.

Notable Achievements and Areas of Improvement

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

Troy City School System is most proud of the rigorous level of academics that we provide for our students which is evident in the numerous successes of our graduates. Each year members of our graduating class receive well over $1,000,000 in scholarships. All three schools have active academic honor societies including National Beta Club and National Honor Society. Our students have successfully competed in local, state, and national academic competitions including Alabama Science Bowl, Robotics competitions, Math competitions, essay contests, Spelling Bees, National Merit Scholar program, Model United Nations, as well as others. We have graduates who have become doctors, nurses, lawyers, college professors, teachers, politicians, bankers, accountants, civic leaders, and various other professions. We recognize that we are educating our future leaders and accept this challenge with enthusiasm.

We are also proud of our extra-curricular teams. Our Charles Henderson Middle School and Charles Henderson High School Blue Machine Bands have won numerous awards on the local, state, and national levels. The Charles Henderson High School Concert Band was one of ten performing groups from throughout the United States who qualified to perform at The John F. Kennedy Center for the Performing Arts this spring. Students in all three schools participate in the District Visual Arts competition and many have advanced to the State level where they were recognized by the Alabama State Superintendent of Education for their accomplishments. Several Charles Henderson High School students have competed and won awards and scholarships in the Walter Trumbauer State Theatre Festival in the last five years. The Drama Department also presents musical and/or dramatic performances each year for our community. Our Culinary Arts Academy students placed third in Alabama State Culinary Competition this year.

Troy City School System has an athletic program for male and female athletes who consistently compete in area, regional, and state championships. Our 4x4 100 yard relay team won the 5A State Championship last year. The Charles Henderson High School Trojan football team progressed to the third round of 4A State Playoffs in 2012, and the second round of the 5A State Playoffs in 2011. The Charles Henderson High School girls' and boys' basketball teams won their area titles this year, with the girls playing in Sub-Regional competition, and the boys advancing to the Regional competition. The 2012 Charles Henderson High School Baseball team and Soccer team won their area championships and continued to the first round of the 5A championship. The Troy City School's archery team won in several divisions regionally and placed in the state competition last year. The 2013 Volleyball team won the regional tournament and advanced to state competition.

In the last three years we have had notable improvements in the area of technology. We have provided Smart Technology to include Smartboards and projectors, personal response systems, document cameras, slates, and digital video players. These systems are connected to the Internet and cable television. Each campus has wireless capabilities with both a private and guest networks. The system provides approximately 750 desktop computers, 540 netbooks, 780 ipads, 30 ipods, in addition to Nooks and Kindles. All three media centers are automated and are equipped with e-book online libraries.

In the next three years, our system will strive to: 1) implement and sustain a new paradigm in the teaching environment that impacts student learning through College and Career Readiness Standards, 2) demonstrate enhanced gains in every subgroup, and 3) further develop our technology initiative to ensure that our students acquire the skills they need to thrive in a complex, highly technological knowledge-based economy.

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 Troy City School's vision, mission, and beliefs create a positive school climate that fosters student learning, school safety, and community pride. Each school will continue to review and monitor their continuous improvement plans and implement changes as needed to promote student achievement, and as a system we will continue to evaluate our strategic plan and institute changes into future action plans.

We affirm that high expectations, not only for students, but also for all stakeholders, increase learning and performance. The development of critical thinking skills, problem-solving skills, and real-world applications is an integral part of our curriculum. "Trojans Committed to Success" … not just a statement--a lifestyle.

Improvement Plan Stakeholder Involvement

Introduction

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

Improvement Planning Process

Improvement Planning Process

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

The survey was posted on each of the school's websites so that parents had easy access to it. As an accommodation, the district also provided an online version of the survey that could also be translated into several languages through the translation link on the websites. The schools had the surveys available in the main offices, and as parents entered the office they were asked to fill out the survey while they were waiting for an administrator. We also had surveys available for parents on Parent/Teacher Conference Day and encouraged parents to complete the surveys at that time.   The staff surveys were available online and emails were sent to all teachers encouraging them to complete them. Paper and pencil surveys were also available in each of the school's main office for teachers. The students were given a pencil and paper survey during class to complete. The district ensured that participation was reflective of the overall institution population by offering multiple times and means to complete the survey.

Meetings were held before, during, and after school in order to give all stakeholders an opportunity to participate and have input. Stakeholders were informed of their roles through e-mails.

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

The Professional Leadership Team consists of the administrators, school administrators, department heads, and teachers from each school. This group reviewed the data and made the recommendations for goals. The language arts, math, science, and social science department heads then met with their disciplines and developed detailed plans to develop strategies and action plans to meet these goals. The Stakeholder Advisory Council, made up of parents, community leaders, business owners, and Trojan Ambassadors (student group) will review the improvement plan and make recommendations before the plan is presented to the Superintendent for approval.

The technology planning committee represented each individual school's needs and wants were so that they could be included in the district plan.

This year the technology planning committee consisted of the following:

Kristina Anderson - Assistant Principal Charles Henderson High

Casey Moore - Language Arts Teacher Charles Henderson High

Latasha Vaughn - Fourth Grade Teacher Troy Elementary School

Emma Fluker - Assistant Principal Troy Elementary School

Amanda Nolin - History Teacher Charles Henderson Middle

Sharon Rhodes- Media Specialist Charles Henderson High School

Jonathon Carswell - Science Teacher Charles Henderson High School

Lee Hicks- Superintendent

Eujon Anderson- District Technology Coordinator

Keith Judy - District Technology 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 final improvement plan was communicated to all stakeholders through posting the plan on the district's website (several language translations are offered on our website), our Parent/Teacher Conferences, classroom discussion, faculty meetings, Professional Leadership meetings, common planning meetings, e-mail, and Stakeholder Advisory Committee meetings. The improvement plan will be reviewed in March and all stakeholders will again be asked for input and comments. Troy City Schools recognizes the improvement plan as a working document that drives all instructional and curricular goals.

Technology Diagnostic

Introduction

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

Data

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

Response:

- •Board of Education actions
- •Compliance Monitoring Reports
- •Continuous Improvement Plan
- •Professional Learning Evaluations, Lesson Plans
- •Student Achievement Data
- •Technology Plan Surveys (*Required)

Professional Learning Survey created by Troy City District

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.

Top Needs of Troy City Schools

A. To make certain we have more than enough internet bandwidth in the school system.

B. Because of online testing, more tests are administered in areas where there is more space for students. These particular locations, media center, cafeteria, and data rooms are in need of more wireless access points to accommodate the students.

C. Wifi beyond the classroom. Students need access to wifi if they don't have capabilities at home.

Top Strengths of Troy City Schools

A. 1 GB Connection to all Schools.

B. Robust infrastructure with Wireless Access Points in every classroom. Over 600 Mbps of Internet Bandwidth

C. Wireless network managed by Wireless LAN Controller. The Internet is filtered by ASC and Lightspeed.

Identified by Inventory/Infrastructure Report, Student Data, and Transform 2020 Surveys.

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.

Top Needs of Troy City Schools

A. Need more student digital tools for Project Based Learning and Engagement.

B. Replace desktops in school labs and teachers' devices.

C. More mobile devices in lower grade levels of elementary and middle school. Current devices such as the iPad tablets are in need of upgrading.

Top Strengths of Troy City Schools

A. Several Teacher devices have been updated to a newer model desktop as well as upgraded to Windows 10.

B. Interactive Panels in every core classroom in the Middle and High Schools. Gradually replacing old Smartboard Models from the Elementary School with Interactive panels.

C. Chromebook carts are in all of the core classes at the high school. Chromebooks carts are in 65% of the core classrooms at the middle school. There are two Chromebook carts per grade level for the 4-6 grade at the elementary schools. Chromebook carts hold 30 Chromebooks per cart. iPads carts are also available for middle and elementary schools.

Identified by CIP/Inventory & Infrastructure Report and Transform 2020 Surveys

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.

Top Needs of Troy City Schools

A. More Differentiated Instruction for students, along with the digital tools needed to enhance differentiation.

B. More real-world learning for students to prepare for college and career readiness.

C. More collaboration among students in different subjects.

Top Strengths of Troy City Schools

A. Teachers in the middle school and high school level are required to create a Google Classroom as an LMS tool for all students.

B. Students are offered dual enrollment courses at Charles Henderson High School. Each year a course from local colleges are added for dual enrollment.

C. Majority of the students, once they reach middle school, are required to do online based classes. Students will have completed an online course before they finish the 9th grade.

Identified by Board of Education/CIP/Fed Gov't Regulations/State Gov't Regulations/Transform 2020 Surveys

Advanc-Ed Accreditation findings

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.

Top Needs of Troy City Schools

A. Teachers need more professional learning training to learn how to integrate technology into the curriculum, more content driven professional learning,

B. Professional learning is needed in the areas of STEM, Project Based Learning, and in applying Coding

C. Teachers prefer professional learning is done more throughout the year, with some opportunities being offered off campus for more networking and exposure.

Top Strengths of Troy City Schools

A. Professional Learning calendar has been implemented for the school year. From surveying teachers, professional learning opportunities are being catered to the needs of the teachers.

B. Relationship with Troy University offers teachers external professional learning opportunities from the Troy Inservice Center.

C. Troy City Schools have Google Certified Trainers, Educators, Seesaw Ambassadors, Flipgrid Ambassadors, and Apple Teachers who also perform training opportunities for teachers.

Identified by Transform 2020 Surveys and local district surveys, Professional Learning Survey by Troy City Schools

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.

Top Needs for Troy City Schools

A. To assist teachers with digital tools available to become more innovative in the classroom. To promote 21st Century Skills of critical thinking, creativity, communication, and collaboration.

B. Enhance the way teachers use digital tools to better communicate with students and assign tasks.

C. To become more knowledgeable about teaching strategies when using TPACK, SAMR, and DOK models.

Top Strengths for Troy City Schools

A. Teachers are becoming more familiar with using Google Suite for Education tools in the classroom. These tools help teachers with creating more lesson that delivers 21st-century skills. This is evident by the participation in Google Classroom (LMS) as well as teachers who are becoming Google Certified Educators.

B. More digital tools are used to assist teachers in using technology. Lesson planning, data management, and team building strategies are all done using digital tools. Administrators are becoming more focused on using digital tools as well to lead teachers into enhancing technology use in the classroom.

C. Lesson plans were created from ELEOT template. This strengthens the integration of technology into the classroom and ties it with curriculum and standards. Observations are done using this template for accountability purposes.

Identified by Transform 2020 survey and Professional Learning Survey by Troy City Schools

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.

Top Needs of Troy City Schools

A. Promote Professional Learning Communities outside of Troy City Schools that creates more productivity efforts in the classroom.

B. Technology Coach to work with each school to teach the teachers how to find, create, share and store information on lessons.

C. More planning of classroom instruction using AL State Tech Course of Study in collaboration with core subject Course of Studies

Top Strengths of Troy City Schools

A. Teachers are becoming more productive using the digital tools available to them. This is due to professional learning opportunities that focus on collaboration and productivity tools in the classroom.

B. Administrators are assisting with productivity by allowing time during staff development for personalized professional learning. This allows teachers to work together on planning effective strategies for classroom enhancement and innovation.

Sources - Transform 2020 surveys and local teacher surveys

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.

Top Needs for Troy City Schools

A. Participation from administrators with professional learning on integrating technology as a leader.

B. Administrators need to use technology so that teachers and students can model behind them on how to appropriately use.

C. Administrators need to create learning communities to help them understand what's needed to support their teachers swith technology.

Top Strengths of Troy City Schools

A. Administrators are beginning to utilize collaborative digital tools for reviewing teachers lesson plans and to make observations.

B. Administrators share with the teachers a vision on how technology can be used for productivity in the classroom.

Source - Transform 2020 survey

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

Professional Learning

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

New Teacher Orientation

A. Face-to-Face (onsite)

B. 2.5 Hours

C. New Teachers and Administrators

D. Technology Director and ATIM

Curriculum and Content Professional Learning Day

A. Face-to-Face (onsite)

B. 1 Day

C. Teachers and Administrators

D. Technology Director, Teacher Presenters, Keynote Speaker, ATIM

Google Certified Educator (Bootcamp)

A. Face-to-Face (onsite) and Online

B. 1 Day

C. Select Teachers and Administrators

D. Google Certified Trainer, ATIM

Google Chrome, Chromebooks, and G-Suite Training

A. Face-to-Face (onsite) and Online

B. 1.5 hour sessions for 6 days

C. Teachers and Administrators

D. Technology Director

Chalkable Conference

A. Face-to-Face (offsite)

B. 3 Days

C. Guidance Counselors and Registrars

D. Chalkable

ALET Tech Conference

A. Face-to-Face (offsite)

B. 3 Days

C. Technology Department

D. ALET Members

Technology Digital Tools Online Training

A. Online Material and Videos

B. 15-45 Minute Videos and Material

C. Teachers and Administrators

D. Technology Director, Teacher Presenters, and ATIM

Seesaw Training

A. Face-to-Face (onsite) and Online

B. 1.5 hours

C. Elementary Teachers

D. Technology Director and Seesaw Ambassadors

Clever Training

A. Face-to-Face (onsite)

B. 1.5 hours

C. Elementary and Middle School Teachers

D. Technology Director

AETC 2019

A. Face-to-Face (offsite)

B. 3 Days

C. Technology Director, Select Administrators, and Teachers

D. AETC Participants

Scholarchip ABE

A. Face-to-Face (onsite)

B. 2 Hours

C. Select Teachers

D. Scholarchip ABE

Inventory/Infrastructure

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

WAN Infrastructure:

All of the schools in the Troy City School system are connected to each other and to the Troy City BOE Office by a managed fiber optic WAN service with 1 Gbps switches. (Erate Funded) Each school has a Cisco core router to manage fast ethernet and gigabit ethernet speeds. Wireless Access is available throughout the entire district in every classroom and office. The primary domain controller for the school system is housed at the BOE Office with secondary domain controllers at each school providing DNS and DHCP.

Student achievement is support by our WAN infrastructure because all students have access to connect to Troy City Schools' WAN on campus. The domain controllers allow student access by their user accounts and passwords. Students have access to their own filtered wireless access, having a student WiFi as well as WiFi for their own devices (BYOD).

LAN Infrastructure:

100% of all classrooms in all schools are connected with Category 5e Ethernet cabling with 1 Gbps bandwidth to every classroom. (Erate Funded) All locations in the Troy City Schools have wireless connectivity for their locations and to the classrooms. (Erate Funded) Each building at the Charles Henderson High School and Charles Henderson Middle School has an MDF or IDF cabinet with managed network switches installed in them. (Erate Funded) Each grade hall or building at Troy Elementary School has an MDF or IDF cabinet with managed network switches installed in them. (Erate Funded) The Alternative Learning Center has an MDF cabinet with managed network switches installed in it. (Erate Funded) The Troy City Schools Board of Education offices are connected with Category 5e Ethernet cabling with 1 Gbps bandwidth to every office. The Maintenance Building office is connected with Category 5e Ethernet cabling with 1 Gbps bandwidth. The LAN for the Troy City Schools Board of Education and the Maintenance Building share a single MDF cabinet with managed network switches installed in it. (Erate Funded)

This supports student achievement because all of the computer devices are connected to our network through the LAN connections. This guarantees a stable environment for students who are in need of accessing their work, lessons, and even those who are required to participate in Access classes. The increased bandwidth allows all students to have access to the network, whether they are connected through ethernet or are on the wireless network. Having decreased downtown has tremendously affected students' performance in schools.

Connectivity/Bandwidth/Internet Access:

The central connection to the internet for the Troy City School System is located at the Troy City School BOE. It is provided by Alabama SuperComputer Authority and has 600 Mbps of bandwidth that is shared by all locations within the Troy City Schools. All schools and sites in the district connect to the internet from the BOE office via the managed 1 Gbps fiber optic WAN service. E-rate funds 80% of the managed WAN service under Priority One services.

All classroom, lab, media center, and office computers are connected to the internet. Staff and students are required to sign the Internet Usage Policy, yearly, to have access to the internet.

Information Security & Safety:

All internet traffic is filtered by Alabama Super Computer to meet CIPA requirements. To back this filtering up, Troy City Schools utilizes Lightspeed Appliances for managed internet and network filtering. Policies are put in place for administrators, teachers, and students to give certain levels of network access for safety. All students, parents/guardians, and employees in the Troy City School System are required to read the Troy City Schools Internet Usage & Safety Policy and then they must sign a contract stating they have read and understood it. Students are required to complete an Internet Safety and Cyber Bullying program each year.

Digital Content & Digital Tools:

Majority of the students of Troy City Schools have access to digital tools including Chromebook Carts in the classroom or having access to their own Chromebook. Students are also allowed to bring their own device for student related work. Tablets are currently used in middle school and elementary school for students. Students also have access to devices in their labs. These devices allow students to work on their digital content. Online courses are offered for students at the high school level. Programs such as IXL, Starfall, Accelerated Reader, and other assessment tools are used in elementary school. Students have access to Google Apps for Education as a means to store all of their digital content and even share their work to the teachers.

Label	Assurance	Response	Comment	Attachment
2.	Did you complete the Inventory for each school in your school system?	Yes		Troy City Schools Inventory 2018-19

Accountability Questions

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

Goal 1:

Engage and Empower the Learner Through Technology (2018)

Measurable Objective 1:

80% of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade Black or African-American, Asian, White, Children in a Military Family, Children in Foster Care, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Homeless, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a proficiency of understanding 21st century skills such as critical thinking, creativity, collaboration, and communication efforts in the classroom in English Language Arts by 05/31/2019 as measured by creating more project based learning and STEM lessons for students.

Strategy1:

Virtual Learning - Students at the Middle and High school will begin using Virtual Reality in the classrooms. Select teachers will be given virtual reality equipment such as Google Expeditions and Lenovo VR to give the Virtual Experience in the classroom. The goal is to combine the teachers' content into a virtual solution.

Category: Develop/Implement Learning Supports

Research Cited: Google Expeditions

Activity - VR in the Classroom	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers will use VR tools in the classroom as a method of innovating the lesson for students in their classrooms.	Technology Direct Instruction Extra Curricular	08/09/2018	05/31/2019	$15000 - Title I Schoolwide	Technology Director, Middle School, and High School Administrators

Strategy2:

Coding in the Classroom - Teachers will use resources from code.org and Google CS First to establish coding into the schools' curriculum. Along with the STEM program, we will work with small groups of teachers and students to establish coding programs.

Category: Develop/Implement College and Career Ready Standards

Research Cited: code.org

Activity - Hour of Coding	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers will work with students on establishing an Hour of Coding in TCS. Sites such as www.code.org and Google CS First will be the basis of starting the coding program.	Community Engagement Technology	08/09/2018	05/31/2019	$0 - No Funding Required	Administrators, Technology Director

Strategy3:

STEM Pilot Program - Technology Director has selected 5 teachers from select schools to pilot a STEM program. These teachers are giving professional learning on applying STEM into the classroom. Select teachers meet together every two-three weeks, to explain strategies that are working in the classroom. The ELA and History teachers in the group focused more on Digital Literacy concepts while the Science teacher focus is on implementing coding into the classroom and STEM. Future efforts will include adding more teachers to the group.

Category: Develop/Implement Professional Learning and Support

Research Cited: STEM in classroom

Activity - STEM and Digital Literacy Program	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
The ALSDE was able to give a grant to the school systems who wanted to implement STEM and Digital Literacy into the classrooms. This STEM "Backpack" grant allowed us to select 5 educators from Troy City Schools, to implement ideas and concepts for establishing a future STEM program in the school system.	Academic Support Program Professional Learning Technology	09/17/2018	05/31/2019	$12500 - State Funds	Technology Director, Administrators

Strategy4:

Digital Portfolio Sites - Students in Troy City Schools will build a Digital Portfolio. This Digital Portfolio will be used as a means of gauging students' academic performance in schools. This tool will also be used as a parental involvement tool for the school system to give parents the opportunity to see what students are doing in the schools. We will use tools such as Seesaw for Elementary and Middle School, and Websites for Middle and High School students.

Category: Develop/Implement College and Career Ready Standards

Research Cited: Digital Portfolio

Activity - Digital Portfolio Sites	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Students in middle school and high school will work efficiently to create digital portfolio websites. Students will use the Google Suite for Education Platform for creating these sites. Content will include students academic achievement and work in the classroom.	Technology Parent Involvement Direct Instruction Community Engagement Academic Support Program	08/09/2018	05/31/2019	$0 - No Funding Required	Technology Director, Administrators of Middle and High Schools

Activity - Seesaw	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Seesaw in the classroom will be utilized for Digital Portfolio and Blog content in the classrooms of elementary students.	Technology Academic Support Program Community Engagement Parent Involvement	08/09/2018	05/31/2019	$0 - No Funding Required	Technology Director, Administrators of TES

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

Goal 1:

All faculty and students will have digital tools and or technology resources to improve academic achievement when and where they need it.

Measurable Objective 1:

demonstrate a behavior of developing and implementing a financial support strategy for the maintenance of existing systems, replacement of out-of-date systems, and broadband access both internally and externally by 06/30/2019 as measured by Transform 2020, Help Desk Workorders, Teacher Survey, Financial Records, and Inventory Reports.

Strategy1:

Technology Enhancement - The goal is for Troy City Schools to begin replacing outdated equipment, with technology tools that the students and teachers can integrate into the classroom.

Category: Other - Technology Equipment

Research Cited: Alabama Technology Course of Study

Activity - 1:1 Student Initiative	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Provide Each Student Grades 9-12 with a mobile computing device. Old devices will be replaced with Chromebooks. A management console will also be added to properly manage mobile devices.	Technology	08/09/2017	06/30/2019	$45653 - State Funds $600000 - Capital Improvement Fund	District Technology Coordinator

Activity - Interactive Panels	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Interactive Panels from Viewsonic are replacing all of the outdated Smart Boards in all classrooms. Each teacher will have an interactive panel in their classroom.	Technology	10/01/2018	05/29/2020	$500000 - General Fund	Technology Director

Activity - Chromebook Carts	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Troy City Schools will add Chromebook Carts in Grades 4-12 for student use. Each cart consists of 30 Chromebooks. The goal is to have a Chromebook cart per classroom. Currently, there is a Chromebook per classroom in 9th - 12th of all core classrooms, a total of 10 Chromebook carts in the middle school, and a total of 8 Chromebook carts in the elementary school.	Direct Instruction Technology	10/02/2017	05/29/2020	$250000 - General Fund	Technology Director, Administrators

Measurable Objective 2:

demonstrate a behavior of developing procedures and implementing security policies that meet but do not exceed the intention of the online safety regulations (Child Internet Protection Act) to ensure safe and reasonable, quick access to online digital content by 06/30/2018 as measured by Acceptable Use Policy and Transform 2020.

Strategy1:

Security - SPAM, virus protection and content filtering. Also forming a data governance committee to create procedures and policies for the physical and logical security of all data collected and held by Troy City Schools

Category: Other - Content Filtering

Research Cited: CIPA Compliance, Content Filter Reports, and Security Audits

Activity - CIPA	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Provide SPAM and virus protection, and content filter to make our district CIPA compliant	Technology	07/01/2017	06/30/2019	$12000 - General Fund	District Technology Staff

Activity - Data Governance	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Form District Data Governance Committee and develop policies and procedures to protect all data within the Troy City School District.	Technology	08/09/2017	05/31/2019	$0 - No Funding Required	Superintendent, District Technology Coordinator, and Administrators

Activity - AUP Agreement	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
All students, parent/guardians, and staff to read and sign the Troy City Schools Acceptable Use Policy for online devices and Internet Usage	Policy and Process	08/09/2017	05/31/2018	$0 - No Funding Required	School Administrators and Technology Coordinator

Measurable Objective 3:

demonstrate a behavior of providing internet security tools to enable teachers, administrators, and students to access digital content safely, including managed firewall, SPAM and virus protections, and email/webhosting services by 06/30/2018 as measured by Transform 2020, Help Desk Workorders and reports from the webhosting service.

Strategy1:

Student Email Services - Will provide CIPA compliant email accounts for students as well as digital lockers for projects and blogging

capabilities. Email services that are being used currently is through Google.

Category: Develop/Implement Learning Supports

Research Cited: Alabama Technology Course of Study

Activity - Student Email	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Will provide Google accounts only (no emails), for grades 2 - 6th, and Google email accounts for grades 7th-12th.	Technology	08/09/2017	05/31/2019	$0 - No Funding Required	District Technology Coordinator

Strategy2:

Parent Involvment - Provide for parent involvement through the use of:

1) district and school websites

2) emails

3) text messages

4) automated phone calls

5) other Web 2.0 tools

6) Free district app for smart phones

Category: Other - Parental Involvement

Research Cited: Parent Involvement and CIP

Activity - Social Media	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Use social media outlets such as Twitter, Facebook, YouTube, and Instagram to keep teachers, students, and community updated on current events and as a way to promote student engagement.	Parent Involvement	07/01/2017	06/01/2020	$0 - No Funding Required	Teachers, Administrators, and Technology Coordinator

Activity - Website, Notification, App	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Troy City Schools have combined our main three parental resources into one company. Blackboard will host our website, Mass Notification system, and School App.	Parent Involvement	07/01/2018	06/30/2019	$7500 - General Fund	Technology Coordinator & Administrators

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 or Career-Ready Students

Measurable Objective 1:

A 40% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult and Ungraded grade Black or African-American, Asian, White, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a behavior of increased teacher and administrator understanding of local and global societal issues and responsibilities in an evolving digital culture and exhibit legal and ethical behavior in their professional practice in Career & Technical by 05/31/2018 as measured by Transform 2020 Survey and district developed teacher and student surveys..

Strategy1:

Digital Citzenship & Proper Online Behavior - Identify safe and responsible way to use technology systems, the internet, social tools, etc. Practice responsible, ethical, and legal use of technology systems, the internet, communication tools, and applications. Follow district acceptable use policies. Interpret copyright laws and policies with regard to ownership and use of digital content. Explain consequences of illegal and unethical use of technology systems. Explain effects of technology on culture, economics, politics, and the environment
Category: Develop/Implement Professional Learning and Support
Research Cited: NETS Standards, CIPA Law, and Alabama Technology Course of Study

Activity - Digital Citzenship & Proper Online Behavior	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
ALL K- 12 teachers will seek professional development to learn more on how to demonstrate to students digital citizenship and appropriate online behavior	Professional Learning	07/01/2017	06/30/2019	$0 - No Funding Required	Professional Development Coordinator, Technology Coordinator, Teachers, and Administrators

Measurable Objective 2:

80% of All Students will demonstrate a behavior of understanding how to use digital tools and be able to comprehend the 21st Century Skills of Communication, Collaboration, Critical Thinking, and Creativity in Career & Technical by 05/31/2019 as measured by Transform2020 Survey Results and TCS Professional Learning Survey.

Strategy1:

Professional Learning Development - Troy City Schools work with teachers and administrators on creating a more personalized professional learning opportunities to enhance student learning and increase engagement in the classroom. From several surveying and meetings, we incorporate the opinions from the teachers' responses to create learning strategies.
Category: Develop/Implement Professional Learning and Support
Research Cited: Professional Development Plans and EDUCATE Alabama

Activity - Troy Academy Day	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Annual professional learning day held in the Month of April. Technology Director brings in outside educators to give ideas on subjects such as content matter, technology tools to use, classroom maintenance, etc. for teachers to prepare for the upcoming year. A keynote speaker is also provided for this professional learning day. Teachers who participate also receives STIPD credit.	Professional Learning	04/18/2019	04/18/2019	$6000 - General Fund	Technology Director, Federal Programs Director, Lead Teachers, Administrators

Activity - Troy City Online Professional Learning	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Professional Learning Community created for Troy City Schools' Administrators and teachers. This online community is created by using Google Classroom as well as a website which has resources for using effective tools and strategies in the classroom. Specific dates are on some of the videos for teachers to watch in order to receive professional development credit.	Professional Learning	08/01/2018	05/31/2019	$0 - No Funding Required	Technology Director

Activity - Content, Curriculum, Collaboration with Purpose	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Professional Learning Day held at Troy City Schools. Teachers and Administrators used this day to focus on establishing a curriculum guide map as well as discuss current digital tools and how to successfully use in the classroom.	Professional Learning	10/10/2018	10/10/2018	$0 - No Funding Required	Technology Director, Lead Teachers, Administrators

Measurable Objective 3:

A 35% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult and Ungraded grade Black or African-American, Asian, White, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a behavior of increased support from school administrators to inspire and lead change that maximizes the use of technology in Career & Technical by 05/31/2018 as measured by Transform 2020 Survey and district developed teacher and student surveys..

Strategy1:

Technology Conferences - School administrators will attend technology conferences to learn more about existing and upcoming technology strategies.

This will inspire and facilitate a shared vision of maximizing digital resources to meet learning goals. This will also allow for the advocating of local, state, and national policies, programs, and funding support for the use of digital tools and online resources for all students.

Category: Develop/Implement Professional Learning and Support

Research Cited: NETS Standards and Alabama Technology Course of Study

Activity - ALET Fall Symposium	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Technology department and administrators are given the opportunity to attend the ALET's Fall Symposium. Technology department then turnaround with training to the administrators on technology trends and how it will affect the school system.	Technology Professional Learning	09/23/2018	09/27/2018	$2000 - General Fund	Technology Department, Administrators

Activity - FETC	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
FETC technology conference is held every January. Administrators and select teachers will have the opportunity to attend the conference on the trends of technology and how to integrate into the classroom.	Technology Professional Learning	01/27/2019	01/30/2019	$5000 - General Fund	Technology Director, Administrators, Select Teachers, Federal Programs Director

Activity - AETC	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Technology Coordinators, Administrators, and selected teachers will participate in various Technology Conferences throughout the school year.	Professional Learning	10/01/2017	09/30/2018	$10000 - General Fund	Professional Development Coordinator, Technology Coordinator, Administrators, and CSFO

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 or Career-Ready Students

Measurable Objective 1:

A 35% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult and Ungraded grade Black or African-American, Asian, White, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a behavior of increased support from school administrators to inspire and lead change that maximizes the use of technology in Career & Technical by 05/31/2018 as measured by Transform 2020 Survey and district developed teacher and student surveys..

Strategy1:

Technology Conferences - School administrators will attend technology conferences to learn more about existing and upcoming technology strategies.

This will inspire and facilitate a shared vision of maximizing digital resources to meet learning goals. This will also allow for the advocating of local, state, and national policies, programs, and funding support for the use of digital tools and online resources for all students.

Category: Develop/Implement Professional Learning and Support

Research Cited: NETS Standards and Alabama Technology Course of Study

Activity - FETC	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
FETC technology conference is held every January. Administrators and select teachers will have the opportunity to attend the conference on the trends of technology and how to integrate into the classroom.	Professional Learning Technology	01/27/2019	01/30/2019	$5000 - General Fund	Technology Director, Administrators, Select Teachers, Federal Programs Director

Activity - ALET Fall Symposium	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Technology department and administrators are given the opportunity to attend the ALET's Fall Symposium. Technology department then turnaround with training to the administrators on technology trends and how it will affect the school system.	Technology Professional Learning	09/23/2018	09/27/2018	$2000 - General Fund	Technology Department, Administrators

Activity - AETC	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Technology Coordinators, Administrators, and selected teachers will participate in various Technology Conferences throughout the school year.	Professional Learning	10/01/2017	09/30/2018	$10000 - General Fund	Professional Development Coordinator, Technology Coordinator, Administrators, and CSFO

Measurable Objective 2:

80% of All Students will demonstrate a behavior of understanding how to use digital tools and be able to comprehend the 21st Century Skills of Communication, Collaboration, Critical Thinking, and Creativity in Career & Technical by 05/31/2019 as measured by Transform2020 Survey Results and TCS Professional Learning Survey.

Strategy1:

Professional Learning Development - Troy City Schools work with teachers and administrators on creating a more personalized professional learning opportunities to enhance student learning and increase engagement in the classroom. From several surveying and meetings, we incorporate the opinions from the teachers' responses to create learning strategies.

Category: Develop/Implement Professional Learning and Support

Research Cited: Professional Development Plans and EDUCATE Alabama

Activity - Troy City Online Professional Learning	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Professional Learning Community created for Troy City Schools' Administrators and teachers. This online community is created by using Google Classroom as well as a website which has resources for using effective tools and strategies in the classroom. Specific dates are on some of the videos for teachers to watch in order to receive professional development credit.	Professional Learning	08/01/2018	05/31/2019	$0 - No Funding Required	Technology Director

Activity - Troy Academy Day	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Annual professional learning day held in the Month of April. Technology Director brings in outside educators to give ideas on subjects such as content matter, technology tools to use, classroom maintenance, etc. for teachers to prepare for the upcoming year. A keynote speaker is also provided for this professional learning day. Teachers who participate also receives STIPD credit.	Professional Learning	04/18/2019	04/18/2019	$6000 - General Fund	Technology Director, Federal Programs Director, Lead Teachers, Administrators

Activity - Administrator Google Model Training	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Professional learning designed for administrators of Troy City Schools. Goal includes training administrators with book studies, online training, and face to face on modeling strategies. Administrators learn how to use the digital tools teacher use in the classroom.	Technology Professional Learning	08/01/2018	05/31/2019	$6000 - General Fund	Technology Director, Curriculum Director, Assistant Superintendent, Administrators

Activity - Content, Curriculum, Collaboration with Purpose	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Professional Learning Day held at Troy City Schools. Teachers and Administrators used this day to focus on establishing a curriculum guide map as well as discuss current digital tools and how to successfully use in the classroom.	Professional Learning	10/10/2018	10/10/2018	$0 - No Funding Required	Technology Director, Lead Teachers, Administrators

Goal 2:

Engage and Empower the Learner Through Technology (2018)

Measurable Objective 1:

80% of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade Black or African-American, Asian, White, Children in a Military Family, Children in Foster Care, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Homeless, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a proficiency of understanding 21st century skills such as critical thinking, creativity, collaboration, and communication efforts in the classroom in English Language Arts by 05/31/2019 as measured by creating more project based learning and STEM lessons for students.

Strategy1:

Digital Portfolio Sites - Students in Troy City Schools will build a Digital Portfolio. This Digital Portfolio will be used as a means of gauging students' academic performance in schools. This tool will also be used as a parental involvement tool for the school system to give parents the opportunity to see what students are doing in the schools. We will use tools such as Seesaw for Elementary and Middle School, and Websites for Middle and High School students.

Category: Develop/Implement College and Career Ready Standards

Research Cited: Digital Portfolio

Activity - Digital Portfolio Sites	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Students in middle school and high school will work efficiently to create digital portfolio websites. Students will use the Google Suite for Education Platform for creating these sites. Content will include students academic achievement and work in the classroom.	Community Engagement Direct Instruction Academic Support Program Parent Involvement Technology	08/09/2018	05/31/2019	$0 - No Funding Required	Technology Director, Administrators of Middle and High Schools

Strategy2:

Coding in the Classroom - Teachers will use resources from code.org and Google CS First to establish coding into the schools' curriculum.

Along with the STEM program, we will work with small groups of teachers and students to establish coding programs.

Category: Develop/Implement College and Career Ready Standards

Research Cited: code.org

Activity - Hour of Coding	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers will work with students on establishing an Hour of Coding in TCS. Sites such as www.code.org and Google CS First will be the basis of starting the coding program.	Technology Community Engagement	08/09/2018	05/31/2019	$0 - No Funding Required	Administrators, Technology Director

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 faculty and students will have digital tools and or technology resources to improve academic achievement when and where they need it.

Measurable Objective 1:

demonstrate a behavior to ensure that all students, teachers and administrators have adequate and reliable bandwidth and wireless connectivity to provide access to the Internet, digital learning resources, productivity tools, online assessments, and data by 05/31/2018 as measured by Help Desk Work Orders and Transform 2020 Survey.

Strategy1:

Erate Funding - Technology Department will apply for e-rate funds for the following:

1) Internet Access

2) Basic Maintenance of Internal Connections

3) Improved Data, Voice, Video, and wireless service

4) Telephone service to all schools, Alternative Learning Center, and Troy City Schools Central Office

5)Wide Area Network Services to all Troy City Schools Locations

Category: Align Fiscal Resources

Research Cited: USAC/SLD E-Rate Program

Activity - Telecommunications	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Local and Long Distance Telephone Services to all eligible entities of Troy City Schools. Cellular Phone Services for all administrators, IT personnel, Maintenance Personnel, and other personnel as deemed necessary	Technology	07/01/2017	06/30/2019	$37702 - General Fund	District Technology Coordinator

Activity - Additional Wifi	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Troy City Schools will add additional Wifi in heavy traffic areas to help with online testing. The schools will look to add more WiFi connections to the Media Center and Cafeteria locations.	Technology	07/01/2019	05/29/2020	$25000 - USAC Technology $5000 - General Fund	Technology Director

Activity - Internet Access	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Internet access, firewall service, WAN, email and webpage hosting are necessary for the system to provide the technology that is required student and faculty use. Without them the system would not be able to have security, access to databases, access for the ALSDE to our INOW database and McAleer, etc. This access also insures sufficient bandwidth for our students and teachers for online resources and tools, ACCESS/Distance Learning classes, and online assessments.	Technology	07/01/2017	06/30/2019	$79255 - USAC Technology $21879 - General Fund	District Technology Coordinator

Activity - Internal Connections	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Wireless Access Point has been added to every classroom in all schools of Troy City Schools. This was established to keep up with the student and teacher demands of adding more mobile technology into the classrooms.	Technology	08/09/2017	06/30/2019	$536108 - USAC Technology $123674 - General Fund	District Technology Coordinator

Measurable Objective 2:

demonstrate a behavior of providing internet security tools to enable teachers, administrators, and students to access digital content safely, including managed firewall, SPAM and virus protections, and email/webhosting services by 06/30/2018 as measured by Transform 2020, Help Desk Workorders and reports from the webhosting service.

Strategy1:

Student Email Services - Will provide CIPA compliant email accounts for students as well as digital lockers for projects and blogging capabilities. Email services that are being used currently is through Google.

Category: Develop/Implement Learning Supports

Research Cited: Alabama Technology Course of Study

Activity - Student Email	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Will provide Google accounts only (no emails), for grades 2 - 6th, and Google email accounts for grades 7th-12th.	Technology	08/09/2017	05/31/2019	$0 - No Funding Required	District Technology Coordinator

Strategy2:

Parent Involvment - Provide for parent involvement through the use of:

1) district and school websites

2) emails

3) text messages

4) automated phone calls

5) other Web 2.0 tools

6) Free district app for smart phones

Category: Other - Parental Involvement

Research Cited: Parent Involvement and CIP

Activity - Social Media	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Use social media outlets such as Twitter, Facebook, YouTube, and Instagram to keep teachers, students, and community updated on current events and as a way to promote student engagement.	Parent Involvement	07/01/2017	06/01/2020	$0 - No Funding Required	Teachers, Administrators, and Technology Coordinator

Activity - Website, Notification, App	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Troy City Schools have combined our main three parental resources into one company. Blackboard will host our website, Mass Notification system, and School App.	Parent Involvement	07/01/2018	06/30/2019	$7500 - General Fund	Technology Coordinator & Administrators

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:

All faculty and students will have digital tools and or technology resources to improve academic achievement when and where they need it.

Measurable Objective 1:

demonstrate a behavior of providing an adequate number of qualified technical support personnel to support technology use in the schools by 09/30/2017 as measured by Transform 2020, Help Desk Workorders, Teacher Survey, and Inventory Reports.

Strategy1:

Techology Staff - The district will provide a sufficient ratio of technical staff to support student, teacher, and administrator technology use.

Category: Other - Technology Staff

Research Cited: Alabama Technology Course of Study

Activity - Improved Technical Support	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Provide additional technical support through technical training seminars for the District Technology Coordinator and District Technician. Increase technical staff to have a fulltime technology coach at each school or a technician for every 500 devices.	Technology	10/01/2017	09/30/2019	$125000 - General Fund	Superintendent, CSFO, and District Technology Coordinator

Measurable Objective 2:

demonstrate a behavior to ensure that all students, teachers and administrators have adequate and reliable bandwidth and wireless connectivity to provide access to the Internet, digital learning resources, productivity tools, online assessments, and data by 05/31/2018 as measured by Help Desk Work Orders and Transform 2020 Survey.

Strategy1:

Erate Funding - Technology Department will apply for e-rate funds for the following:

1) Internet Access

2) Basic Maintenance of Internal Connections

3) Improved Data, Voice, Video, and wireless service

4) Telephone service to all schools, Alternative Learning Center, and Troy City Schools Central Office

5)Wide Area Network Services to all Troy City Schools Locations

Category: Align Fiscal Resources

Research Cited: USAC/SLD E-Rate Program

Activity - Internal Connections	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Wireless Access Point has been added to every classroom in all schools of Troy City Schools. This was established to keep up with the student and teacher demands of adding more mobile technology into the classrooms.	Technology	08/09/2017	06/30/2019	$123674 - General Fund $536108 - USAC Technology	District Technology Coordinator

Activity - Additional Wifi	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Troy City Schools will add additional Wifi in heavy traffic areas to help with online testing. The schools will look to add more WiFi connections to the Media Center and Cafeteria locations.	Technology	07/01/2019	05/29/2020	$5000 - General Fund $25000 - USAC Technology	Technology Director

Activity - Internet Access	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Internet access, firewall service, WAN, email and webpage hosting are necessary for the system to provide the technology that is required student and faculty use. Without them the system would not be able to have security, access to databases, access for the ALSDE to our INOW database and McAleer, etc. This access also insures sufficient bandwidth for our students and teachers for online resources and tools, ACCESS/Distance Learning classes, and online assessments.	Technology	07/01/2017	06/30/2019	$21879 - General Fund $79255 - USAC Technology	District Technology Coordinator

Goal 2:

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

Measurable Objective 1:

A 35% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult and Ungraded grade Black or African-American, Asian, White, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a behavior of increased support from school administrators to inspire and lead change that maximizes the use of technology in Career & Technical by 05/31/2018 as measured by Transform 2020 Survey and district developed teacher and student surveys..

Strategy1:

Technology Conferences - School administrators will attend technology conferences to learn more about existing and upcoming technology strategies.

This will inspire and facilitate a shared vision of maximizing digital resources to meet learning goals. This will also allow for the advocating of local, state, and national policies, programs, and funding support for the use of digital tools and online resources for all students.

Category: Develop/Implement Professional Learning and Support

Research Cited: NETS Standards and Alabama Technology Course of Study

Activity - ALET Fall Symposium	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Technology department and administrators are given the opportunity to attend the ALET's Fall Symposium. Technology department then turnaround with training to the administrators on technology trends and how it will affect the school system.	Professional Learning Technology	09/23/2018	09/27/2018	$2000 - General Fund	Technology Department, Administrators

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	Assurance Page for Troy City Schools	Troy City Schools Assurance Page

Plan for Alabama Technology Plan: Transform 2020 2018-2019

Overview

Plan Name

Plan for Alabama Technology Plan: Transform 2020 2018-2019

Plan Description

Goals Summary

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

#	Goal Name	Goal Details	Goal Type	Total Funding
1	Engage and Empower the Learner Through Technology	Objectives: 3 Strategies: 3 Activities: 3	Academic	$0
2	All faculty and students will have digital tools and or technology resources to improve academic achievement when and where they need it.	Objectives: 5 Strategies: 6 Activities: 16	Organizational	$2534851
3	Prepare and Support Teachers and Leaders to Graduate College - and or Career-Ready Students	Objectives: 3 Strategies: 3 Activities: 8	Academic	$29000
4	Engage and Empower the Learner Through Technology (2018)	Objectives: 1 Strategies: 4 Activities: 5	Academic	$27500

Goal 1: Engage and Empower the Learner Through Technology

Measurable Objective 1:

95% of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult and Ungraded grade Black or African-American, Asian, White, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a proficiency of sound understanding of technology concepts, systems, and operations in Practical Living by 05/01/2020 as measured by using the Transform 2020 Survey results and district developed teacher and student surveys.

Strategy 1:

Alabama Technology COS - All Troy City Schools teachers grades Pre-K - 12 will provide instruction on the skills/concepts in the AL Technology Course of Study.

These skills will broken out by grade level and/or subject matter as per direction from the Alabama Technology Course of Study.

Category: Develop/Implement College and Career Ready Standards

Research Cited: AL Tech Course of Study, NETS Standards

Activity - Technolgy Concepts,Systems, and Operations	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All Troy City Schools teachers will provide direct instruction to students on technology concepts, systems, and operations based on the Alabama Technology Course of Study. Teachers will include demonstration of this instruction in their lesson plans. A summary of these lesson plans are to be provided to the District Technology Coordinator at the end of the school year. Schools: All Schools	Direct Instruction	08/01/2017	05/01/2018	$0	No Funding Required	All Troy City Schools Teachers and School Level Administrators

Measurable Objective 2:

95% of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult and Ungraded grade Black or African-American, Asian, White, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a behavior of students understanding human, cultural, and personal responsibilties in relation to technology. Also should see a positive impact on legal and ethical behavior in the students in Practical Living by 05/01/2020 as measured by Transform 2020 Survey and district developed teacher and student surveys.

Strategy 1:

Digital Citzenship - Update the Acceptable Usage Policy for the District and train faculty, administrators and students on the new policies, which includes policies for

email usage and social media.

Identify safe and responsible ways to use technology including cybersecurity and phishing scams and best practices on avoiding them.

With use of GoGuardian, LanSchool, and other filtering tools, we will work with teachers and students on being responsible with technology and enforce policy on illegal

and unethical use of technology systems.

Discuss the effects of technology on culture, economics, policitics, and the environment

Category: Develop/Implement Learning Supports

Research Cited: Alabama Technology Course of Study, NETS Standards, and CIPA Compliance

Activity - Digital Citzenship	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Direct Instruction by all Troy City Schools teachers on digital citizenship as defined by the AL Tech Course of Study. Schools: All Schools	Direct Instruction	08/01/2017	05/01/2020	$0	No Funding Required	Troy City Schools Teachers, Counselors, and Administrators

Measurable Objective 3:

98% of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult and Ungraded grade Black or African-American, Asian, White, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will complete a portfolio or performance in at least one online class while they are in high school in Career & Technical by 05/29/2020 as measured by Alabama Technology Course of Study and School and or Student Records.

Strategy 1:

Online Experience Classes - ACCESS and or Distance Learning Classes

Career Preparedness Class

Category: Develop/Implement College and Career Ready Standards

Research Cited: ACCESS Initiative and the Alabama Technology Coarse of Study

Activity - Career Preparedness Class	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A one-credit course that is taught in Grades 9-12. The course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience Schools: All Schools	Career Preparation/Orientation	08/09/2017	05/31/2018	$0	No Funding Required	Career Technical Teachers, School Counselors and Administrators

Goal 2: All faculty and students will have digital tools and or technology resources to improve academic achievement when and where they need it.

Measurable Objective 1:

demonstrate a behavior to ensure that all students, teachers and administrators have adequate and reliable bandwidth and wireless connectivity to provide access to the Internet, digital learning resources, productivity tools, online assessments, and data by 05/31/2018 as measured by Help Desk Work Orders and Transform 2020 Survey.

Strategy 1:

Erate Funding - Technology Department will apply for e-rate funds for the following:

1) Internet Access

2) Basic Maintenance of Internal Connections

3) Improved Data, Voice, Video, and wireless service

4) Telephone service to all schools, Alternative Learning Center, and Troy City Schools Central Office

5)Wide Area Network Services to all Troy City Schools Locations

Category: Align Fiscal Resources

Research Cited: USAC/SLD E-Rate Program

Activity - Telecommunications	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Local and Long Distance Telephone Services to all eligible entities of Troy City Schools. Cellular Phone Services for all administrators, IT personnel, Maintenance Personnel, and other personnel as deemed necessary Schools: All Schools	Technology	07/01/2017	06/30/2019	$37702	General Fund	District Technology Coordinator

Activity - Internet Access	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Internet access, firewall service, WAN, email and webpage hosting are necessary for the system to provide the technology that is required student and faculty use. Without them the system would not be able to have security, access to databases, access for the ALSDE to our INOW database and McAleer, etc. This access also insures sufficient bandwidth for our students and teachers for online resources and tools, ACCESS/Distance Learning classes, and online assessments. Schools: All Schools	Technology	07/01/2017	06/30/2019	$101134	USAC Technology, General Fund	District Technology Coordinator

Activity - Internal Connections	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Wireless Access Point has been added to every classroom in all schools of Troy City Schools. This was established to keep up with the student and teacher demands of adding more mobile technology into the classrooms. Schools: All Schools	Technology	08/09/2017	06/30/2019	$659782	USAC Technology, General Fund	District Technology Coordinator

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

Troy City Schools will add additional Wifi in heavy traffic areas to help with online testing. The schools will look to add more WiFi connections to the Media Center and Cafeteria locations. Schools: All Schools	Technology	07/01/2019	05/29/2020	$30000	USAC Technology, General Fund	Technology Director

Measurable Objective 2:

demonstrate a behavior of providing internet security tools to enable teachers, administrators, and students to access digital content safely, including managed firewall, SPAM and virus protections, and email/webhosting services by 06/30/2018 as measured by Transform 2020, Help Desk Workorders and reports from the webhosting service.

Strategy 1:

Student Email Services - Will provide CIPA compliant email accounts for students as well as digital lockers for projects and blogging capabilities. Email services that are

being used currently is through Google.

Category: Develop/Implement Learning Supports

Research Cited: Alabama Technology Course of Study

Activity - Student Email	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Will provide Google accounts only (no emails), for grades 2 - 6th, and Google email accounts for grades 7th-12th. Schools: All Schools	Technology	08/09/2017	05/31/2019	$0	No Funding Required	District Technology Coordinator

Strategy 2:

Parent Involvment - Provide for parent involvement through the use of:

1) district and school websites

2) emails

3) text messages

4) automated phone calls

5) other Web 2.0 tools

6) Free district app for smart phones

Category: Other - Parental Involvement

Research Cited: Parent Involvement and CIP

Activity - Social Media	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Use social media outlets such as Twitter, Facebook, YouTube, and Instagram to keep teachers, students, and community updated on current events and as a way to promote student engagement. Schools: All Schools	Parent Involvement	07/01/2017	06/01/2020	$0	No Funding Required	Teachers, Administrators, and Technology Coordinator

Activity - Website, Notification, App	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Troy City Schools have combined our main three parental resources into one company. Blackboard will host our website, Mass Notification system, and School App. Schools: All Schools	Parent Involvement	07/01/2018	06/30/2019	$7500	General Fund	Technology Coordinator & Administrators

Measurable Objective 3:

demonstrate a behavior of developing and implementing a financial support strategy for the maintenance of existing systems, replacement of out-of-date systems, and broadband access both internally and externally by 06/30/2019 as measured by Transform 2020, Help Desk Workorders, Teacher Survey, Financial Records, and Inventory Reports.

Strategy 1:

Technology Enhancement - The goal is for Troy City Schools to begin replacing outdated equipment, with technology tools that the students and teachers can integrate

into the classroom.

Category: Other - Technology Equipment

Research Cited: Alabama Technology Course of Study

Activity - Parts & Supplies	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Parts, Supplies, and labor needed to keep current network and computer technologies at optimal performance Schools: All Schools	Technology	10/01/2017	09/30/2018	$35000	General Fund	District Technology Coordinator

Activity - Interactive Panels	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Interactive Panels from Viewsonic are replacing all of the outdated Smart Boards in all classrooms. Each teacher will have an interactive panel in their classroom. Schools: All Schools	Technology	10/01/2018	05/29/2020	$500000	General Fund	Technology Director

Activity - 1:1 Student Initiative	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Provide Each Student Grades 9-12 with a mobile computing device. Old devices will be replaced with Chromebooks. A management console will also be added to properly manage mobile devices. Schools: All Schools	Technology	08/09/2017	06/30/2019	$645653	State Funds, Capital Improvement Fund	District Technology Coordinator

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

Troy City Schools will add Chromebook Carts in Grades 4-12 for student use. Each cart consists of 30 Chromebooks. The goal is to have a Chromebook cart per classroom. Currently, there is a Chromebook per classroom in 9th -12th of all core classrooms, a total of 10 Chromebook carts in the middle school, and a total of 8 Chromebook carts in the elementary school. Schools: All Schools	Direct Instruction, Technology	10/02/2017	05/29/2020	$250000	General Fund	Technology Director, Administrators

Measurable Objective 4:

demonstrate a behavior of developing procedures and implementing security policies that meet but do not exceed the intention of the online safety regulations (Child Internet Protection Act) to ensure safe and reasonable, quick access to online digital content by 06/30/2018 as measured by Acceptable Use Policy and Transform 2020.

Strategy 1:

Security - SPAM, virus protection and content filtering. Also forming a data governance committee to create procedures and policies for the physical and logical security

of all data collected and held by Troy City Schools

Category: Other - Content Filtering

Research Cited: CIPA Compliance, Content Filter Reports, and Security Audits

Activity - AUP Agreement	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
All students, parent/guardians, and staff to read and sign the Troy City Schools Acceptable Use Policy for online devices and Internet Usage Schools: All Schools	Policy and Process	08/09/2017	05/31/2018	$0	No Funding Required	School Administrators and Technology Coordinator

Activity - CIPA	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Provide SPAM and virus protection, and content filter to make our district CIPA compliant Schools: All Schools	Technology	07/01/2017	06/30/2019	$12000	General Fund	District Technology Staff

Activity - Data Governance	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Form District Data Governance Committee and develop policies and procedures to protect all data within the Troy City School District. Schools: All Schools	Technology	08/09/2017	05/31/2019	$0	No Funding Required	Superintendent, District Technology Coordinator, and Administrators

Measurable Objective 5:

demonstrate a behavior of providing an adequate number of qualified technical support personnel to support technology use in the schools by 09/30/2017 as measured by Transform 2020, Help Desk Workorders, Teacher Survey, and Inventory Reports.

Strategy 1:

Techology Staff - The district will provide a sufficient ratio of technical staff to support student, teacher, and administrator technology use.

Category: Other - Technology Staff

Research Cited: Alabama Technology Course of Study

Activity - Improved Technical Support	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Provide additional technical support through technical training seminars for the District Technology Coordinator and District Technician. Increase technical staff to have a fulltime technology coach at each school or a technician for every 500 devices. Schools: All Schools	Technology	10/01/2017	09/30/2019	$125000	General Fund	Superintendent, CSFO, and District Technology Coordinator

Activity - Technology Staff	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Total Funding for Technology Staff Salaries Schools: All Schools	Technology	10/01/2014	09/01/2016	$131080	State Funds, State Funds, General Fund	Troy City BOE, CSFO, Superintendent

Goal 3: Prepare and Support Teachers and Leaders to Graduate College - and or Career-Ready Students

Measurable Objective 1:

80% of All Students will demonstrate a behavior of understanding how to use digital tools and be able to comprehend the 21st Century Skills of Communication, Collaboration, Critical Thinking, and Creativity in Career & Technical by 05/31/2019 as measured by Transform2020 Survey Results and TCS Professional Learning Survey.

Strategy 1:

Professional Learning Development - Troy City Schools work with teachers and administrators on creating a more personalized professional learning opportunities to enhance student learning and increase engagement in the classroom. From several surveying and meetings, we incorporate the opinions from the teachers' responses to create learning strategies.

Category: Develop/Implement Professional Learning and Support

Research Cited: Professional Development Plans and EDUCATE Alabama

Activity - Content, Curriculum, Collaboration with Purpose	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Professional Learning Day held at Troy City Schools. Teachers and Administrators used this day to focus on establishing a curriculum guide map as well as discuss current digital tools and how to successfully use in the classroom. Schools: All Schools	Professional Learning	10/10/2018	10/10/2018	$0	No Funding Required	Technology Director, Lead Teachers, Administrators

Activity - Troy City Online Professional Learning	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Professional Learning Community created for Troy City Schools' Administrators and teachers. This online community is created by using Google Classroom as well as a website which has resources for using effective tools and strategies in the classroom. Specific dates are on some of the videos for teachers to watch in order to receive professional development credit. Schools: All Schools	Professional Learning	08/01/2018	05/31/2019	$0	No Funding Required	Technology Director

Activity - Troy Academy Day	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Annual professional learning day held in the Month of April. Technology Director brings in outside educators to give ideas on subjects such as content matter, technology tools to use, classroom maintenance, etc. for teachers to prepare for the upcoming year. A keynote speaker is also provided for this professional learning day. Teachers who participate also receives STIPD credit. Schools: All Schools	Professional Learning	04/18/2019	04/18/2019	$6000	General Fund	Technology Director, Federal Programs Director, Lead Teachers, Administrators

Activity - Administrator Google Model Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Professional learning designed for administrators of Troy City Schools. Goal includes training administrators with book studies, online training, and face to face on modeling strategies. Administrators learn how to use the digital tools teacher use in the classroom. Schools: All Schools	Technology, Professional Learning	08/01/2018	05/31/2019	$6000	General Fund	Technology Director, Curriculum Director, Assistant Superintendent, Administrators

Measurable Objective 2:

A 40% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult and Ungraded grade Black or African-American, Asian, White, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a behavior of increased teacher and administrator understanding of local and global societal issues and responsibilities in an evolving digital culture and exhibit legal and ethical behavior in their professional practice in Career & Technical by 05/31/2018 as measured by Transform 2020 Survey and district developed teacher and student surveys..

Strategy 1:

Digital Citzenship & Proper Online Behavior - Identify safe and responsible way to use technology systems, the internet, social tools, etc. Practice responsible, ethical, and legal use of technology systems, the internet, communication tools, and applications. Follow district acceptable use policies. Interpret copyright laws and policies with regard to ownership and use of digital content. Explain consequences of illegal and unethical use of technology systems. Explain effects of technology on culture, economics, politics, and the environment

Category: Develop/Implement Professional Learning and Support

Research Cited: NETS Standards, CIPA Law, and Alabama Technology Course of Study

Activity - Digital Citzenship & Proper Online Behavior	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
ALL K- 12 teachers will seek professional development to learn more on how to demonstrate to students digital citizenship and appropriate online behavior Schools: All Schools	Professional Learning	07/01/2017	06/30/2019	$0	No Funding Required	Professional Development Coordinator, Technology Coordinator, Teachers, and Administrators

Measurable Objective 3:

A 35% increase of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh, Twelfth, Postsecondary, Adult and Ungraded grade Black or African-American, Asian, White, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a behavior of increased support from school administrators to inspire and lead change that maximizes the use of technology in Career & Technical by 05/31/2018 as measured by Transform 2020 Survey and district developed teacher and student surveys..

Strategy 1:

Technology Conferences - School administrators will attend technology conferences to learn more about existing and upcoming technology strategies.

This will inspire and facilitate a shared vision of maximizing digital resources to meet learning goals. This will also allow for the advocating of local, state, and national policies, programs, and funding support for the use of digital tools and online resources for all students.

Category: Develop/Implement Professional Learning and Support

Research Cited: NETS Standards and Alabama Technology Course of Study

Activity - AETC	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology Coordinators, Administrators, and selected teachers will participate in various Technology Conferences throughout the school year. Schools: All Schools	Professional Learning	10/01/2017	09/30/2018	$10000	General Fund	Professional Development Coordinator, Technology Coordinator, Administrators, and CSFO

Activity - FETC	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
FETC technology conference is held every January. Administrators and select teachers will have the opportunity to attend the conference on the trends of technology and how to integrate into the classroom. Schools: All Schools	Technology, Professional Learning	01/27/2019	01/30/2019	$5000	General Fund	Technology Director, Administrators, Select Teachers, Federal Programs Director

Activity - ALET Fall Symposium	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Technology department and administrators are given the opportunity to attend the ALET's Fall Symposium. Technology department then turnaround with training to the administrators on technology trends and how it will affect the school system. Schools: All Schools	Technology, Professional Learning	09/23/2018	09/27/2018	$2000	General Fund	Technology Department, Administrators

Goal 4: Engage and Empower the Learner Through Technology (2018)

Measurable Objective 1:

80% of Pre-K, Kindergarten, First, Second, Third, Fourth, Fifth, Sixth, Seventh, Eighth, Ninth, Tenth, Eleventh and Twelfth grade Black or African-American, Asian, White, Children in a Military Family, Children in Foster Care, Economically Disadvantaged, Gifted and Talented, Hispanic or Latino, Homeless, Students with Disabilities, English Learners, Two or More Races, American Indian or Alaska Native and Native Hawaiian or Other Pacific Islander students will demonstrate a proficiency of understanding 21st century skills such as critical thinking, creativity, collaboration, and communication efforts in the classroom in English Language Arts by 05/31/2019 as measured by creating more project based learning and STEM lessons for students.

Strategy 1:

STEM Pilot Program - Technology Director has selected 5 teachers from select schools to pilot a STEM program. These teachers are giving professional learning on applying STEM into the classroom. Select teachers meet together every two-three weeks, to explain strategies that are working in the classroom. The ELA and History teachers in the group focused more on Digital Literacy concepts while the Science teacher focus is on implementing coding into the classroom and STEM. Future efforts will include adding more teachers to the group.

Category: Develop/Implement Professional Learning and Support

Research Cited: STEM in classroom

Activity - STEM and Digital Literacy Program	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible

| The ALSDE was able to give a grant to the school systems who wanted to implement STEM and Digital Literacy into the classrooms. This STEM "Backpack" grant allowed us to select 5 educators from Troy City Schools, to implement ideas and concepts for establishing a future STEM program in the school system.

Schools: Charles Henderson High School, Charles Henderson Middle School | Technology, Academic Support Program, Professional Learning | 09/17/2018 | 05/31/2019 | $12500 | State Funds | Technology Director, Administrators |

Strategy 2:

Digital Portfolio Sites - Students in Troy City Schools will build a Digital Portfolio. This Digital Portfolio will be used as a means of gauging students' academic performance in schools. This tool will also be used as a parental involvement tool for the school system to give parents the opportunity to see what students are doing in the schools. We will use tools such as Seesaw for Elementary and Middle School, and Websites for Middle and High School students.

Category: Develop/Implement College and Career Ready Standards

Research Cited: Digital Portfolio

Activity - Seesaw	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Seesaw in the classroom will be utilized for Digital Portfolio and Blog content in the classrooms of elementary students. Schools: Troy Elementary School	Technology, Academic Support Program, Parent Involvement, Community Engagement	08/09/2018	05/31/2019	$0	No Funding Required	Technology Director, Administrators of TES

Activity - Digital Portfolio Sites	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Students in middle school and high school will work efficiently to create digital portfolio websites. Students will use the Google Suite for Education Platform for creating these sites. Content will include students academic achievement and work in the classroom. Schools: Charles Henderson High School, Charles Henderson Middle School	Direct Instruction, Technology, Academic Support Program, Parent Involvement, Community Engagement	08/09/2018	05/31/2019	$0	No Funding Required	Technology Director, Administrators of Middle and High Schools

Strategy 3:

Coding in the Classroom - Teachers will use resources from code.org and Google CS First to establish coding into the schools' curriculum. Along with the STEM program, we will work with small groups of teachers and students to establish coding programs.

Category: Develop/Implement College and Career Ready Standards

Research Cited: code.org

Activity - Hour of Coding	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will work with students on establishing an Hour of Coding in TCS. Sites such as www.code.org and Google CS First will be the basis of starting the coding program. Schools: All Schools	Technology, Community Engagement	08/09/2018	05/31/2019	$0	No Funding Required	Administrators, Technology Director

Strategy 4:

Virtual Learning - Students at the Middle and High school will begin using Virtual Reality in the classrooms. Select teachers will be given virtual reality equipment such as Google Expeditions and Lenovo VR to give the Virtual Experience in the classroom. The goal is to combine the teachers' content into a virtual solution.

Category: Develop/Implement Learning Supports

Research Cited: Google Expeditions

Activity - VR in the Classroom	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers will use VR tools in the classroom as a method of innovating the lesson for students in their classrooms. Schools: Charles Henderson High School, Charles Henderson Middle School	Extra Curricular, Direct Instruction, Technology	08/09/2018	05/31/2019	$15000	Title I Schoolwide	Technology Director, Middle School, and High School Administrators

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

Title I Schoolwide

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
VR in the Classroom	Teachers will use VR tools in the classroom as a method of innovating the lesson for students in their classrooms.	Extra Curricular, Direct Instruction, Technology	08/09/2018	05/31/2019	$15000	Technology Director, Middle School, and High School Administrators
				Total	$15000	

USAC Technology

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Internal Connections	Wireless Access Point has been added to every classroom in all schools of Troy City Schools. This was established to keep up with the student and teacher demands of adding more mobile technology into the classrooms.	Technology	08/09/2017	06/30/2019	$536108	District Technology Coordinator
Additional Wifi	Troy City Schools will add additional Wifi in heavy traffic areas to help with online testing. The schools will look to add more WiFi connections to the Media Center and Cafeteria locations.	Technology	07/01/2019	05/29/2020	$25000	Technology Director
Internet Access	Internet access, firewall service, WAN, email and webpage hosting are necessary for the system to provide the technology that is required student and faculty use. Without them the system would not be able to have security, access to databases, access for the ALSDE to our INOW database and McAleer, etc. This access also insures sufficient bandwidth for our students and teachers for online resources and tools, ACCESS/Distance Learning classes, and online assessments.	Technology	07/01/2017	06/30/2019	$79255	District Technology Coordinator
				Total	$640363	

State Funds

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

STEM and Digital Literacy Program	The ALSDE was able to give a grant to the school systems who wanted to implement STEM and Digital Literacy into the classrooms. This STEM "Backpack" grant allowed us to select 5 educators from Troy City Schools, to implement ideas and concepts for establishing a future STEM program in the school system.	Technology, Academic Support Program, Professional Learning	09/17/2018	05/31/2019	$12500	Technology Director, Administrators
1:1 Student Initiative	Provide Each Student Grades 9-12 with a mobile computing device. Old devices will be replaced with Chromebooks. A management console will also be added to properly manage mobile devices.	Technology	08/09/2017	06/30/2019	$45653	District Technology Coordinator
Technology Staff	Total Funding for Technology Staff Salaries	Technology	10/01/2014	09/01/2016	$27147	Troy City BOE, CSFO, Superintendent
Technology Staff	Total Funding for Technology Staff Salaries	Technology	10/01/2014	09/01/2016	$57519	Troy City BOE, CSFO, Superintendent
				Total	$142819	

No Funding Required

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Technolgy Concepts,Systems, and Operations	All Troy City Schools teachers will provide direct instruction to students on technology concepts, systems, and operations based on the Alabama Technology Course of Study. Teachers will include demonstration of this instruction in their lesson plans. A summary of these lesson plans are to be provided to the District Technology Coordinator at the end of the school year.	Direct Instruction	08/01/2017	05/01/2018	$0	All Troy City Schools Teachers and School Level Administrators
Student Email	Will provide Google accounts only (no emails), for grades 2 - 6th, and Google email accounts for grades 7th-12th.	Technology	08/09/2017	05/31/2019	$0	District Technology Coordinator
Hour of Coding	Teachers will work with students on establishing an Hour of Coding in TCS. Sites such as www.code.org and Google CS First will be the basis of starting the coding program.	Technology, Community Engagement	08/09/2018	05/31/2019	$0	Administrators, Technology Director
Seesaw	Seesaw in the classroom will be utilized for Digital Portfolio and Blog content in the classrooms of elementary students.	Technology, Academic Support Program, Parent Involvement, Community Engagement	08/09/2018	05/31/2019	$0	Technology Director, Administrators of TES

Social Media	Use social media outlets such as Twitter, Facebook, YouTube, and Instagram to keep teachers, students, and community updated on current events and as a way to promote student engagement.	Parent Involvement	07/01/2017	06/01/2020	$0	Teachers, Administrators, and Technology Coordinator
Troy City Online Professional Learning	Professional Learning Community created for Troy City Schools' Administrators and teachers. This online community is created by using Google Classroom as well as a website which has resources for using effective tools and strategies in the classroom. Specific dates are on some of the videos for teachers to watch in order to receive professional development credit.	Professional Learning	08/01/2018	05/31/2019	$0	Technology Director
Digital Citzenship & Proper Online Behavior	ALL K- 12 teachers will seek professional development to learn more on how to demonstrate to students digital citizenship and appropriate online behavior	Professional Learning	07/01/2017	06/30/2019	$0	Professional Development Coordinator, Technology Coordinator, Teachers, and Administrators
Career Preparedness Class	A one-credit course that is taught in Grades 9-12. The course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience	Career Preparation/Orientation	08/09/2017	05/31/2018	$0	Career Technical Teachers, School Counselors and Administrators
Digital Citzenship	Direct Instruction by all Troy City Schools teachers on digital citizenship as defined by the AL Tech Course of Study.	Direct Instruction	08/01/2017	05/01/2020	$0	Troy City Schools Teachers, Counselors, and Administrators
Digital Portfolio Sites	Students in middle school and high school will work efficiently to create digital portfolio websites. Students will use the Google Suite for Education Platform for creating these sites. Content will include students academic achievement and work in the classroom.	Direct Instruction, Technology, Academic Support Program, Parent Involvement, Community Engagement	08/09/2018	05/31/2019	$0	Technology Director, Administrators of Middle and High Schools

Content, Curriculum, Collaboration with Purpose	Professional Learning Day held at Troy City Schools. Teachers and Administrators used this day to focus on establishing a curriculum guide map as well as discuss current digital tools and how to successfully use in the classroom.	Professional Learning	10/10/2018	10/10/2018	$0	Technology Director, Lead Teachers, Administrators
AUP Agreement	All students, parent/guardians, and staff to read and sign the Troy City Schools Acceptable Use Policy for online devices and Internet Usage	Policy and Process	08/09/2017	05/31/2018	$0	School Administrators and Technology Coordinator
Data Governance	Form District Data Governance Committee and develop policies and procedures to protect all data within the Troy City School District.	Technology	08/09/2017	05/31/2019	$0	Superintendent, District Technology Coordinator, and Administrators
				Total	$0	

Capital Improvement Fund

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
1:1 Student Initiative	Provide Each Student Grades 9-12 with a mobile computing device. Old devices will be replaced with Chromebooks. A management console will also be added to properly manage mobile devices.	Technology	08/09/2017	06/30/2019	$600000	District Technology Coordinator
				Total	$600000	

General Fund

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Administrator Google Model Training	Professional learning designed for administrators of Troy City Schools. Goal includes training administrators with book studies, online training, and face to face on modeling strategies. Administrators learn how to use the digital tools teacher use in the classroom.	Technology, Professional Learning	08/01/2018	05/31/2019	$6000	Technology Director, Curriculum Director, Assistant Superintendent, Administrators
Telecommunications	Local and Long Distance Telephone Services to all eligible entities of Troy City Schools. Cellular Phone Services for all administrators, IT personnel, Maintenance Personnel, and other personnel as deemed necessary	Technology	07/01/2017	06/30/2019	$37702	District Technology Coordinator

ALET Fall Symposium	Technology department and administrators are given the opportunity to attend the ALET's Fall Symposium. Technology department then turnaround with training to the administrators on technology trends and how it will affect the school system.	Technology, Professional Learning	09/23/2018	09/27/2018	$2000	Technology Department, Administrators
Troy Academy Day	Annual professional learning day held in the Month of April. Technology Director brings in outside educators to give ideas on subjects such as content matter, technology tools to use, classroom maintenance, etc. for teachers to prepare for the upcoming year. A keynote speaker is also provided for this professional learning day. Teachers who participate also receives STIPD credit.	Professional Learning	04/18/2019	04/18/2019	$6000	Technology Director, Federal Programs Director, Lead Teachers, Administrators
Interactive Panels	Interactive Panels from Viewsonic are replacing all of the outdated Smart Boards in all classrooms. Each teacher will have an interactive panel in their classroom.	Technology	10/01/2018	05/29/2020	$500000	Technology Director
Website, Notification, App	Troy City Schools have combined our main three parental resources into one company. Blackboard will host our website, Mass Notification system, and School App.	Parent Involvement	07/01/2018	06/30/2019	$7500	Technology Coordinator & Administrators
Parts & Supplies	Parts, Supplies, and labor needed to keep current network and computer technologies at optimal performance	Technology	10/01/2017	09/30/2018	$35000	District Technology Coordinator
Chromebook Carts	Troy City Schools will add Chromebook Carts in Grades 4-12 for student use. Each cart consists of 30 Chromebooks. The goal is to have a Chromebook cart per classroom. Currently, there is a Chromebook per classroom in 9th -12th of all core classrooms, a total of 10 Chromebook carts in the middle school, and a total of 8 Chromebook carts in the elementary school.	Direct Instruction, Technology	10/02/2017	05/29/2020	$250000	Technology Director, Administrators
Internal Connections	Wireless Access Point has been added to every classroom in all schools of Troy City Schools. This was established to keep up with the student and teacher demands of adding more mobile technology into the classrooms.	Technology	08/09/2017	06/30/2019	$123674	District Technology Coordinator
Improved Technical Support	Provide additional technical support through technical training seminars for the District Technology Coordinator and District Technician. Increase technical staff to have a fulltime technology coach at each school or a technician for every 500 devices.	Technology	10/01/2017	09/30/2019	$125000	Superintendent, CSFO, and District Technology Coordinator
Technology Staff	Total Funding for Technology Staff Salaries	Technology	10/01/2014	09/01/2016	$46414	Troy City BOE, CSFO, Superintendent

Internet Access	Internet access, firewall service, WAN, email and webpage hosting are necessary for the system to provide the technology that is required student and faculty use. Without them the system would not be able to have security, access to databases, access for the ALSDE to our INOW database and McAleer, etc. This access also insures sufficient bandwidth for our students and teachers for online resources and tools, ACCESS/Distance Learning classes, and online assessments.	Technology	07/01/2017	06/30/2019	$21879	District Technology Coordinator
AETC	Technology Coordinators, Administrators, and selected teachers will participate in various Technology Conferences throughout the school year.	Professional Learning	10/01/2017	09/30/2018	$10000	Professional Development Coordinator, Technology Coordinator, Administrators, and CSFO
FETC	FETC technology conference is held every January. Administrators and select teachers will have the opportunity to attend the conference on the trends of technology and how to integrate into the classroom.	Technology, Professional Learning	01/27/2019	01/30/2019	$5000	Technology Director, Administrators, Select Teachers, Federal Programs Director
CIPA	Provide SPAM and virus protection, and content filter to make our district CIPA compliant	Technology	07/01/2017	06/30/2019	$12000	District Technology Staff
Additional Wifi	Troy City Schools will add additional Wifi in heavy traffic areas to help with online testing. The schools will look to add more WiFi connections to the Media Center and Cafeteria locations.	Technology	07/01/2019	05/29/2020	$5000	Technology Director
				Total	$1193169	

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
Technolgy Concepts,Systems, and Operations	All Troy City Schools teachers will provide direct instruction to students on technology concepts, systems, and operations based on the Alabama Technology Course of Study. Teachers will include demonstration of this instruction in their lesson plans. A summary of these lesson plans are to be provided to the District Technology Coordinator at the end of the school year.	Direct Instruction	08/01/2017	05/01/2018	$0	All Troy City Schools Teachers and School Level Administrators
Digital Citzenship	Direct Instruction by all Troy City Schools teachers on digital citizenship as defined by the AL Tech Course of Study.	Direct Instruction	08/01/2017	05/01/2020	$0	Troy City Schools Teachers, Counselors, and Administrators
Career Preparedness Class	A one-credit course that is taught in Grades 9-12. The course prepares students with content knowledge and skills in the areas of career development and academic planning, computer skill application, and financial literacy. Also, this course is designed to meet the required 20-hour online experience	Career Preparation/Orientation	08/09/2017	05/31/2018	$0	Career Technical Teachers, School Counselors and Administrators
Telecommunications	Local and Long Distance Telephone Services to all eligible entities of Troy City Schools. Cellular Phone Services for all administrators, IT personnel, Maintenance Personnel, and other personnel as deemed necessary	Technology	07/01/2017	06/30/2019	$37702	District Technology Coordinator
Internet Access	Internet access, firewall service, WAN, email and webpage hosting are necessary for the system to provide the technology that is required student and faculty use. Without them the system would not be able to have security, access to databases, access for the ALSDE to our INOW database and McAleer, etc. This access also insures sufficient bandwidth for our students and teachers for online resources and tools, ACCESS/Distance Learning classes, and online assessments.	Technology	07/01/2017	06/30/2019	$101134	District Technology Coordinator

Internal Connections	Wireless Access Point has been added to every classroom in all schools of Troy City Schools. This was established to keep up with the student and teacher demands of adding more mobile technology into the classrooms.	Technology	08/09/2017	06/30/2019	$659782	District Technology Coordinator
Student Email	Will provide Google accounts only (no emails), for grades 2 - 6th, and Google email accounts for grades 7th-12th.	Technology	08/09/2017	05/31/2019	$0	District Technology Coordinator
Parts & Supplies	Parts, Supplies, and labor needed to keep current network and computer technologies at optimal performance	Technology	10/01/2017	09/30/2018	$35000	District Technology Coordinator
Interactive Panels	Interactive Panels from Viewsonic are replacing all of the outdated Smart Boards in all classrooms. Each teacher will have an interactive panel in their classroom.	Technology	10/01/2018	05/29/2020	$500000	Technology Director
1:1 Student Initiative	Provide Each Student Grades 9-12 with a mobile computing device. Old devices will be replaced with Chromebooks. A management console will also be added to properly manage mobile devices.	Technology	08/09/2017	06/30/2019	$645653	District Technology Coordinator
Digital Citzenship & Proper Online Behavior	ALL K- 12 teachers will seek professional development to learn more on how to demonstrate to students digital citizenship and appropriate online behavior	Professional Learning	07/01/2017	06/30/2019	$0	Professional Development Coordinator, Technology Coordinator, Teachers, and Administrators
AETC	Technology Coordinators, Administrators, and selected teachers will participate in various Technology Conferences throughout the school year.	Professional Learning	10/01/2017	09/30/2018	$10000	Professional Development Coordinator, Technology Coordinator, Administrators, and CSFO
Social Media	Use social media outlets such as Twitter, Facebook, YouTube, and Instagram to keep teachers, students, and community updated on current events and as a way to promote student engagement.	Parent Involvement	07/01/2017	06/01/2020	$0	Teachers, Administrators, and Technology Coordinator
Website, Notification, App	Troy City Schools have combined our main three parental resources into one company. Blackboard will host our website, Mass Notification system, and School App.	Parent Involvement	07/01/2018	06/30/2019	$7500	Technology Coordinator & Administrators
AUP Agreement	All students, parent/guardians, and staff to read and sign the Troy City Schools Acceptable Use Policy for online devices and Internet Usage	Policy and Process	08/09/2017	05/31/2018	$0	School Administrators and Technology Coordinator

CIPA	Provide SPAM and virus protection, and content filter to make our district CIPA compliant	Technology	07/01/2017	06/30/2019	$12000	District Technology Staff
Improved Technical Support	Provide additional technical support through technical training seminars for the District Technology Coordinator and District Technician. Increase technical staff to have a fulltime technology coach at each school or a technician for every 500 devices.	Technology	10/01/2017	09/30/2019	$125000	Superintendent, CSFO, and District Technology Coordinator
Technology Staff	Total Funding for Technology Staff Salaries	Technology	10/01/2014	09/01/2016	$131080	Troy City BOE, CSFO, Superintendent
Data Governance	Form District Data Governance Committee and develop policies and procedures to protect all data within the Troy City School District.	Technology	08/09/2017	05/31/2019	$0	Superintendent, District Technology Coordinator, and Administrators
Hour of Coding	Teachers will work with students on establishing an Hour of Coding in TCS. Sites such as www.code.org and Google CS First will be the basis of starting the coding program.	Technology, Community Engagement	08/09/2018	05/31/2019	$0	Administrators, Technology Director
Chromebook Carts	Troy City Schools will add Chromebook Carts in Grades 4-12 for student use. Each cart consists of 30 Chromebooks. The goal is to have a Chromebook cart per classroom. Currently, there is a Chromebook per classroom in 9th -12th of all core classrooms, a total of 10 Chromebook carts in the middle school, and a total of 8 Chromebook carts in the elementary school.	Direct Instruction, Technology	10/02/2017	05/29/2020	$250000	Technology Director, Administrators
Additional Wifi	Troy City Schools will add additional Wifi in heavy traffic areas to help with online testing. The schools will look to add more WiFi connections to the Media Center and Cafeteria locations.	Technology	07/01/2019	05/29/2020	$30000	Technology Director
Content, Curriculum, Collaboration with Purpose	Professional Learning Day held at Troy City Schools. Teachers and Administrators used this day to focus on establishing a curriculum guide map as well as discuss current digital tools and how to successfully use in the classroom.	Professional Learning	10/10/2018	10/10/2018	$0	Technology Director, Lead Teachers, Administrators
Troy City Online Professional Learning	Professional Learning Community created for Troy City Schools' Administrators and teachers. This online community is created by using Google Classroom as well as a website which has resources for using effective tools and strategies in the classroom. Specific dates are on some of the videos for teachers to watch in order to receive professional development credit.	Professional Learning	08/01/2018	05/31/2019	$0	Technology Director

Troy Academy Day	Annual professional learning day held in the Month of April. Technology Director brings in outside educators to give ideas on subjects such as content matter, technology tools to use, classroom maintenance, etc. for teachers to prepare for the upcoming year. A keynote speaker is also provided for this professional learning day. Teachers who participate also receives STIPD credit.	Professional Learning	04/18/2019	04/18/2019	$6000	Technology Director, Federal Programs Director, Lead Teachers, Administrators
FETC	FETC technology conference is held every January. Administrators and select teachers will have the opportunity to attend the conference on the trends of technology and how to integrate into the classroom.	Technology, Professional Learning	01/27/2019	01/30/2019	$5000	Technology Director, Administrators, Select Teachers, Federal Programs Director
ALET Fall Symposium	Technology department and administrators are given the opportunity to attend the ALET's Fall Symposium. Technology department then turnaround with training to the administrators on technology trends and how it will affect the school system.	Technology, Professional Learning	09/23/2018	09/27/2018	$2000	Technology Department, Administrators
Administrator Google Model Training	Professional learning designed for administrators of Troy City Schools. Goal includes training administrators with book studies, online training, and face to face on modeling strategies. Administrators learn how to use the digital tools teacher use in the classroom.	Technology, Professional Learning	08/01/2018	05/31/2019	$6000	Technology Director, Curriculum Director, Assistant Superintendent, Administrators
				Total	$2563851	

Troy Elementary School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Seesaw	Seesaw in the classroom will be utilized for Digital Portfolio and Blog content in the classrooms of elementary students.	Technology, Academic Support Program, Parent Involvement, Community Engagement	08/09/2018	05/31/2019	$0	Technology Director, Administrators of TES
				Total	$0	

Charles Henderson Middle School

Alabama Technology Plan

Troy City Board of Education

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
STEM and Digital Literacy Program	The ALSDE was able to give a grant to the school systems who wanted to implement STEM and Digital Literacy into the classrooms. This STEM "Backpack" grant allowed us to select 5 educators from Troy City Schools, to implement ideas and concepts for establishing a future STEM program in the school system.	Technology, Academic Support Program, Professional Learning	09/17/2018	05/31/2019	$12500	Technology Director, Administrators
Digital Portfolio Sites	Students in middle school and high school will work efficiently to create digital portfolio websites. Students will use the Google Suite for Education Platform for creating these sites. Content will include students academic achievement and work in the classroom.	Direct Instruction, Technology, Academic Support Program, Parent Involvement, Community Engagement	08/09/2018	05/31/2019	$0	Technology Director, Administrators of Middle and High Schools
VR in the Classroom	Teachers will use VR tools in the classroom as a method of innovating the lesson for students in their classrooms.	Extra Curricular, Direct Instruction, Technology	08/09/2018	05/31/2019	$15000	Technology Director, Middle School, and High School Administrators
				Total	$27500	

Charles Henderson High School

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
STEM and Digital Literacy Program	The ALSDE was able to give a grant to the school systems who wanted to implement STEM and Digital Literacy into the classrooms. This STEM "Backpack" grant allowed us to select 5 educators from Troy City Schools, to implement ideas and concepts for establishing a future STEM program in the school system.	Technology, Academic Support Program, Professional Learning	09/17/2018	05/31/2019	$12500	Technology Director, Administrators
Digital Portfolio Sites	Students in middle school and high school will work efficiently to create digital portfolio websites. Students will use the Google Suite for Education Platform for creating these sites. Content will include students academic achievement and work in the classroom.	Direct Instruction, Technology, Academic Support Program, Parent Involvement, Community Engagement	08/09/2018	05/31/2019	$0	Technology Director, Administrators of Middle and High Schools

VR in the Classroom	Teachers will use VR tools in the classroom as a method of innovating the lesson for students in their classrooms.	Extra Curricular, Direct Instruction, Technology	08/09/2018	05/31/2019	$15000	Technology Director, Middle School, and High School Administrators
				Total	$27500	