Alabama Technology Plan: Transform

2020

Barbour County High School

Barbour County Board of Education

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Executive Summary

Introduction

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

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

Description of the School

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

Barbour County High School (BCHS), "Home of the Jaguars," is located at 165 South Midway Street in Clayton, AL. BCHS serves a student population of 392. There are a total of eleven towns and communities within the district attendance zone. Our students come from all areas of Barbour County except for the Eufaula City School District.

BCHS is newly configured into a grade seven through twelve school. As such, the school personnel now consists of the following: a principal, an assistant principal, a guidance counselor, a library media specialist, twenty six teachers, two paraprofessionals, one janitor, three cafeteria workers and one secretary.

In August 2015, the Bureau of Labor Statistics listed the unemployment rate as 9.6%. The largest employers in the county are Keystone Foods, Ventress Correctional Facility, and Easterling Correctional Facility. According to the 2009 Alabama Poverty Project statistics, Barbour County's poverty rate is 32.8%. The number of persons under the age of eighteen in Barbour County living in poverty is 41.2%, which means that nearly half of the children in Barbour County are considered poor. One hundred percent of students in the school district receive breakfast and lunch at no cost.

BCHS provides many programs and services that support student and learning community needs. The Gear Up Program is designed to increase the number of students who are prepared to enter and succeed in post-secondary education. Jobs for American Graduates (JAGS) is crafted to prepare students for entrance into the workforce after graduation. Accelerated Reading, Read180 and System 44 programs are designed to enhance reading skills. Students of the Month is used to showcase and encourage success.The BCHS Parent Center, located in the media center, is made available to fulfill the needs of the learning community. Resource teacher and speech pathologist specialist services are provided for eligible students. OdysseyWare courses are available to deliver comprehensive Core, Elective and CTE K-12 curriculum and educational tools. ACCESS Virtual Learning courses which were developed to create equity through additional educational offerings for all Alabama public high school students are also available.

To support continued improvement in technology and to foster interactive learning and effective presentation, classrooms are equipped with interactive whiteboards, mounted LCD projectors, wireless laptops for all teachers, document cameras, interactive writing pads, teacher webpages, and email. There are four fixed computer labs in the facility, a mobile laptop lab and a mobile Samsung Galaxy Tab Nook (eReader plus) lab that are utilized to create, deliver, and enhance instruction and learning.

School's Purpose

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

The Mission Statement of Barbour County High School

The mission of Barbour County High School is to empower students with the necessary skills to be successful in their future endeavors by providing a safe, secure, educational environment with innovative technological teaching methods that will enhance the learning of all students.

The Vision Statement of Barbour County High School

The faculty, staff, students, and community share the vision that all of our students are determined for success. We expect our students to be productive citizens in a multicultural society.

The Motto of Barbour County High School

"Determined for Success"

The Belief Statements of Barbour County High School (as communicated in Parent-School Compact)

We believe our school should provide high-quality curriculum and instruction in a supportive and effective learning environment.

We believe that a positive, collaborative relationship as well as shared responsibility between the school, students, parents and community is essential to the success of our students and our school.

Barbour County School District Vision

The primary function of the public school is to provide educational experiences and opportunities for each student. Education usually takes place in an atmosphere of good order and discipline. The responsibility for good order and discipline belongs to the entire community, meaning students, teachers, parents, school administrators, the school board, and the general public.

Barbour County School District Mission

To develop the potential of all students by enabling them to become productive members of society by providing quality, student-centered instruction delivered by dedicated, qualified staff in safe, inclusive learning environments that reflect various educational experiences, use available resources and involve parents and community stakeholders.

BCHS provides scientifically based curriculum to all students as well as a safe and encouraging environment. BCHS encourage parents and community members to be active participants in the education process.

Notable Achievements and Areas of Improvement

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

Notable achievements for past three years:

The school has been restructured from a 10-12 school to a 7-12 school for better utilization of personnel and resources. The change will also give teachers a better opportunity to increase collaboration between grade levels.

The school's honor society received a charter from the National Honor Society.

The school has an active Youth Leadership Barbour team.

For the 2014-2015 school year, a drafting program was offered in collaboration with Wallace Community College for both college and high school credit.

The school changed the career technology programs to meet the needs of the community. The newest editions are Criminal Justice and Career Cluster Technology in addition to the existing Business Technology courses.

The school participated in an effort to increase students' proficiency in writing and to meet the new college-ready standards through the Wiregrass Writing Project.

BCHS participates in the Alabama Math Science Technology Initiative and Auburn University Science in Motion.

New programs were implemented in 2014-2015. Among those programs were Read180. This year, System 44 is also being implemented to increase reading proficiency for struggling students.

The school increased the number of high interest books in the library to capture the attention of students and encourage them to read. The number of AR points earned for 2013-2014 was 4.375 times higher than the preceding year.

Areas of improvement for past three years:

The school was in school improvement for three years.

The last year of AHSGE assessment, our juniors scored low in all areas of the AHSGE except Biology: 57% in reading, 54% in language, 67% in math, and 43% in social studies.

From 2013-2014 school year to the 2014-2015, the percentage of juniors meeting college readiness benchmarks on the ACT Plus Writing are the following:

--English moved from 14% to 11% respectively. The three point drop was consistent with the three point drop in the state scores as well.

--Mathematics moved from 2% to 0%.

--Reading moved from 7% to 5%.

--Science remained the same at 2%

--Met All Four remained constant at 0%.

Areas of improvement for the next three years:

The school will have to address the need to decrease the teacher turnover rate, which has been consistently high in the past three years.

Teacher turnover was 50% for the 2013-2014 school year. There was a similar turnover rate for 2014-2015. The turnover rate for 2015-2016 was less than 30%. Our goal is still to recruit and retain effective, highly qualified teachers.

BCHS added Gear Up for 8th grade students. This program is designed to prepare students starting at grade 8 for success at the college level.

Jobs for American Graduates (JAG), a newly added program, will prepare students to enter the workforce after graduation.

Teachers will continue to improve instruction through the implementation of strategic teaching, the use of technology, and parent and community involvement.

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 BCHS Parent Center is located in the library media center where parents have access to computers, printers, and other technology resources. The parents can utilize the center for personal and professional growth as well as general information. Many parents can complete free classes online. Informative posters and brochures are available in the parent center as well. The BCHS Parent Center addresses the needs of our diverse student population.

ACCESS courses are available to all students who are interested in taking advanced courses and/or other courses not offered at the school. BCHS participates in the Alabama Math Science Technology Initiative and Auburn University Science in Motion.

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.

From May to September of 2015, the school leadership team met to dis-aggregate standardized assessment data. Input was sought to determine which strategies have been mastered, which strategies should not be included in this year's ACIP and which elements still require monitoring and should be included. The school leadership team asked for input from faculty, staff, and parents. The school leadership team met to discuss suggestions for professional development, strategies, and budget requirements for the CIP. The faculty and staff reviewed the draft and provided feedback on modifications. The ACIP will have board approval in early fall.

The stakeholders were chosen according to their level of involvement in the school and their interest in the success of the students. The parents were chosen from a list of parents who are actively involved in the school (open house, PTO, extracurricular activities etc.) The principal essentially chose the staff participants based on their positions in their departments and their levels of expertise. His selection included a member from each department. The roles were explained in the meeting. Meetings were held after school to accommodate stakeholders.

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

Parents, students, and community members' roles are to give input, develop a better understanding of CIP and communicate information to other parents.

Faculty and staff's role, as a collaborative effort, is to collect and analyze data, to develop measurable goals, strategies and action steps, to re-evaluate the CIP, to make amendments and updates as needed, and to communicate plan to all other stakeholders.
The principal's role is instructional leader.

Undrea Johnson--principal
Stephanie Massey--counselor
Susan Young--Library media specialist
Sharon Hobdy--Mathematics
Jessie Pelina--English
Sabrina Casey --Science
Lakia Brown - Access Lab
Tony Oglecark - Science
Mary Burks--Special Education Services
Guy McClendon--History
Lora Lightner--English
Jack Wingard--Mathematics

Markeith Phillips--student

Michelle Johnson -parent

Portia Glenn --community member

David Hobdy--Superintendent of Schools

Stacey Turvin--Director of Instruction and Federal Programs

Michelle Andrews--Chief Financial Officer

Susan Brown--EL Coordinator/Accountability

Scott Bush--Technology Coordinator

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

Physical copies of the ACIP can be found in the following places in given formats:

1) Principal's Office--hard copy

2) Library--hard copy

3) Parent Center--virtual copy with instructions for accessing the documents

4) School website and district website--virtual copy with instructions for accessing the documents

Technology Diagnostic

Introduction

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

Data

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

Response:

- Board of Education actions
- Compliance Monitoring Reports
- Continuous Improvement Plan
- Discipline and Attendance Reports
- EducateAlabama Data
- Federal Government Regulations
- Formative Assessments
- Graduation Rates
- Inventory & Infrastructure Report-- Fast and Easy Access to network, and Availability of Technology
- School of Education (SOE) Accreditation Reviews/Reports
- Principal Walk-Through Checklist
- Professional Learning Evaluations, Lesson Plans
- State Government Regulations
- Student Achievement Data
- Transform2020 Surveys (*Required)

Needs Assessment

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

Strength:

Every classroom and administration office throughout the district is networked. In more specific terms, this is accomplished with a combination of category 5, 6 and fiber-optic cabling. All switches have been upgraded to 1gb capacity.

Weakness: Wireless broadband access is limited to certain locations within each school. Future plans include expanding the wireless broadband capabilities at all schools.

Source -Visual survey of infrastructure and feedback from school administrators.

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

Strengths

All classrooms in the Barbour County School District are equipped with 21st Century technology. Each classroom has the following :LCD Projector, Laptop Computers, Document Camera, SmartBoard, Mobi Smart Pads and 25 Clicker Student Response System.

Weakness:

In reference to our laptops, they vary in quality and age.
Data Source is our Technology Inventory

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

Strength:

All teachers are integrating 21st Century technology within their classrooms, throughout all grades and content areas.

Weakness:

Multiple levels of faculty and staff technology skills as it relates to integrating 21Century technology.

Data Sources the Technology Survey
Alabama Technology Plan: Transform 2020
Barbour County Board of Education

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

Strength:

The Barbour County School District has provided multipletraining sessions on the intergration of 21st Century technology in the classroom. Every teacher in the district is required to attend the provided training.

Weakness:

Even though multiple training sessionshave been provided there is stilla need for on-goingtraining for full technologyintrgration. Funds are needed to pay stipends for summer training sessions and sustitutes for training of teachers throughout the year.

Data Source technology survey and professional development surveys.

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

Teachers use various technology equipmeent each dat to engage studentss in teh different content areas to enhance the learnng process.

Weakness:

Some teachers have not fully allowed students to use the availbale technology within the classroom.

Data sources: Walk-throughs, observations, EDUCATE AlabamaTeacher PLPs

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

Strengths:

All teachers use Student Management Software for; grades, lesson plans, and attendance.

Weakness:

Some teachers are reluctant to use educational resources such as; AVL, ALEX,Alabaminsights, Textbook Digital Tools

Source INOW and lesson pland reflecting the use of educational resources.

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

Strength:

The Student Mamagement Software (INOW) allows school leaders to monitor and analyze grades, lesson, plans, and attendance of students and faculty;

Weakness:

Our school leaders have varying levels of proficiency as it relates to using technology for productivity.

Data Source Technology Survey and LEADAlabama Seft-Assessment

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

NA

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.

INOW/ Chalkable Training-BCHS

A) Face-to- Face

B) 2- Hours

C) Teachers and Adminstrators

D) School Staff

Alabama Insights

A) Face-to-Face

B) 1.5 Hours

C) Teachers and Adminstrators

D) School Staff

Renaissance Learning

A) Face-to- Face

B) 2 Hours

C) Teacher and Adminstrators

D) School Staff

Accountability Questions

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

Goal 1:

Engage and Empower the Learner Through Technology

Measurable Objective 1:

90% of All Students will demonstrate a proficiency to use digital tools individually or collaboratively, in and out of the classroom to gather, organize, evaluate, and share and present information in Mathematics by 05/26/2016 as measured by classroom observations of student participation and indicated in lesson plans.

Strategy1:

Student Engagement with Technology Tool Engagement   - Barbour County High School classroom's have SmartBoard capability. All teachers actively use and encourage student use of the SmartBoards for academic engagement with the interactive technology tools. Teachers will develop classroom procedures and guidelines for student engagement with interactive technology tools. Other interactive tools for students are document cameras, LCD projectors, Mobi pads & clickers. Classroom observations focused on student interaction with technology will be documented along with notations within the teacher's lesson plans.

Research cited: Alabama Technology Course of Study

Category:

Research Cited: Research cited: Alabama Technology Course of Study

Activity - Interactive Technology Tool Engagement	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Use digital tools to solve mathematics problems in grades seven through twelve. Barbour County High School will use this activity to support the needs of our students, especially those of high poverty, to afford them the equitable opportunity to interact with technology and prepare for careers and college.	Technology	08/06/2015	05/26/2016	$4000 - Title I Part A	Classroom teachers and principals

Activity - Professional Development	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
There will be professional development for all educators in order to enhance teaching and learning in the classrooms as well as school wide.	Behavioral Support Program Professional Learning Academic Support Program	08/06/2015	05/26/2016	$2000 - Title I Part A	Teachers and administrators

Goal 2:

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

Measurable Objective 1:

collaborate to ensure BCHS has external internet connections to its internet service provider that enables easy student and teacher access to online resources and tools, such as digital content, video streaming, digital textbooks, and online assessments by 05/26/2016 as measured by survey results: teachers, students, administrators, and parents.

Strategy1:

School Interactive Website - Barbour County High School as part of the district's planning partnered with School In sites to design and host an interactive website for the school. The website contains the following interactive content: Upcoming Events, Calendars, Resource Links, Survey Links, INOW Parental Portal, INOW Teacher Portal, Homework and Assignment Links, departmental links, and organization links. Funding was the only resources needed as all the infrastructure was currently in place. It will be monitored by the school level by the principal for updates and content as well as the counter for visitors to the website.

Category:

Research Cited: Alabama Plan 2020

Activity - INOW Parent Portal	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Through the INOW Home Portal link on the Barbour County High School website, parents can access grades, lesson plans, attendance, assignments and upcoming events. Schools have provided and will continue to provide training opportunities for parents.	Parent Involvement	08/06/2015	05/26/2016	$9100 - Other	Technology coordinator, superintendent, district staff, school administrators, teachers

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

Goal 1:

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

Measurable Objective 1:

collaborate to ensure BCHS has external internet connections to its internet service provider that enables easy student and teacher access to online resources and tools, such as digital content, video streaming, digital textbooks, and online assessments by 05/26/2016 as measured by survey results: teachers, students, administrators, and parents.

Strategy1:

School Interactive Website - Barbour County High School as part of the district's planning partnered with School In sites to design and host

an interactive website for the school. The website contains the following interactive content: Upcoming Events, Calendars, Resource Links, Survey Links, INOW Parental Portal, INOW Teacher Portal, Homework and Assignment Links, departmental links, and organization links. Funding was the only resources needed as all the infrastructure was currently in place. It will be monitored by the school level by the principal for updates and content as well as the counter for visitors to the website.

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Through the INOW Home Portal link on the Barbour County High School website, parents can access grades, lesson plans, attendance, assignments and upcoming events. Schools have provided and will continue to provide training opportunities for parents.	Parent Involvement	08/06/2015	05/26/2016	$9100 - Other	Technology coordinator, superintendent, district staff, school administrators, teachers

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

Goal 1:

Engage and Empower the Learner Through Technology

Measurable Objective 1:

90% of All Students will demonstrate a proficiency to use digital tools individually or collaboratively, in and out of the classroom to gather, organize, evaluate, and share and present information in Mathematics by 05/26/2016 as measured by classroom observations of student participation and indicated in lesson plans.

Strategy1:

Student Engagement with Technology Tool Engagement   - Barbour County High School classroom's have SmartBoard capability. All teachers actively use and encourage student use of the SmartBoards for academic engagement with the interactive technology tools. Teachers will develop classroom procedures and guidelines for student engagement with interactive technology tools. Other interactive tools for students are document cameras, LCD projectors, Mobi pads & clickers. Classroom observations focused on student interaction with technology will be documented along with notations within the teacher's lesson plans.

Research cited: Alabama Technology Course of Study

Category:

Research Cited: Research cited: Alabama Technology Course of Study

Activity - Interactive Technology Tool Engagement	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Use digital tools to solve mathematics problems in grades seven through twelve. Barbour County High School will use this activity to support the needs of our students, especially those of high poverty, to afford them the equitable opportunity to interact with technology and prepare for careers and college.	Technology	08/06/2015	05/26/2016	$4000 - Title I Part A	Classroom teachers and principals

Activity - Professional Development	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
There will be professional development for all educators in order to enhance teaching and learning in the classrooms as well as school wide.	Professional Learning Academic Support Program Behavioral Support Program	08/06/2015	05/26/2016	$2000 - Title I Part A	Teachers and administrators

Goal 2:

Prepare and support teachers and leaders to graduate College- and Career-Ready Students

Measurable Objective 1:

demonstrate a proficiency in exhibiting knowledge, skills, and work processes that are representative of an innovative professional in a global and digital society by 05/26/2016 as measured by classroom observations and EDUCATEAlabama reports.

Strategy1:

Professional Development - Teachers at Barbour County High School have been provided with professional development and will have ongoing opportunities to enhance their technology skills to increase their proficiency with technology needed in the classroom. This professional development will help teachers to integrate technology into their lessons and to increase students' hands-on experience with technology. Teachers will also prepare students with technology skills that will enable them to actively participate in the learning experience and become more knowledgeable of the technology that will help them in their preparation for college and careers.

Category:

Research Cited: Alabama Plan 2020

Activity - Document Camera Training	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Teachers at BCHS will be provided with training on the use of Document Cameras as needed in order to increase technology integration in the classroom.	Professional Learning	08/06/2015	05/26/2016	$0 - No Funding Required	Technology coordinator, director of instructional services and federal programs, outside consultants, school administrators and teachers

Activity - OdysseyWare Training	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
A select group of teachers, counselors and school administrators of BCHS will be trained and/or refreshed on the use of OdysseyWare Instructional Software to assist high poverty and high need at-risk students currently in grades 10-12.	Professional Learning	08/06/2015	05/26/2016	$1875 - Title II Part A	Technology coordinator, school administrators and teachers

Activity - Professional Development	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Professional development for all educations in order to enhance the teaching and learning in the classroom as well as school wide	Behavioral Support Program Academic Support Program Professional Learning	08/06/2015	05/26/2016	$2000 - Title I Part A	Teachers and administrators

Activity - SmartBoard Training	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
BCHS will provide training on the use of SmartBoards for instructional personnel as needed in order to increase technology integration in the classroom.	Professional Learning	08/06/2015	05/26/2016	$0 - No Funding Required	Technology coordinator and teachers

Goal 3:

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

Measurable Objective 1:

collaborate to ensure BCHS has external internet connections to its internet service provider that enables easy student and teacher access to online resources and tools, such as digital content, video streaming, digital textbooks, and online assessments by 05/26/2016 as measured by survey results: teachers, students, administrators, and parents.

Strategy1:

School Interactive Website - Barbour County High School as part of the district's planning partnered with School In sites to design and host an interactive website for the school. The website contains the following interactive content: Upcoming Events, Calendars, Resource Links, Survey Links, INOW Parental Portal, INOW Teacher Portal, Homework and Assignment Links, departmental links, and organization links. Funding was the only resources needed as all the infrastructure was currently in place. It will be monitored by the school level by the principal for updates and content as well as the counter for visitors to the website.

Category:

Research Cited: Alabama Plan 2020

Activity - INOW Parent Portal	Activity Type	Begin Date	End Date	Funding Amount & Source	Staff Responsible
Through the INOW Home Portal link on the Barbour County High School website, parents can access grades, lesson plans, attendance, assignments and upcoming events. Schools have provided and will continue to provide training opportunities for parents.	Parent Involvement	08/06/2015	05/26/2016	$9100 - Other	Technology coordinator, superintendent, district staff, school administrators, teachers

2015-2016 BCHS Technology Plan

Overview

Plan Name

2015-2016 BCHS Technology Plan

Plan Description

Goals Summary

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

#	Goal Name	Goal Details	Goal Type	Total Funding
1	Engage and Empower the Learner Through Technology	Objectives: 2 Strategies: 2 Activities: 5	Academic	$6000
2	Prepare and support teachers and leaders to graduate College- and Career-Ready Students	Objectives: 1 Strategies: 1 Activities: 4	Organizational	$3875
3	All educators and students will have tools to access a comprehensive viable infrastructure when and where they need it	Objectives: 1 Strategies: 1 Activities: 1	Organizational	$9100

Goal 1: Engage and Empower the Learner Through Technology

Measurable Objective 1:

90% of All Students will demonstrate a proficiency to use digital tools individually or collaboratively, in and out of the classroom to gather, organize, evaluate, and share and present information in Mathematics by 05/26/2016 as measured by classroom observations of student participation and indicated in lesson plans.

Strategy 1:

Student Engagement with Technology Tool Engagement   - Barbour County High School classroom's have SmartBoard capability. All teachers actively use and

encourage student use of the SmartBoards for academic engagement with the interactive technology tools. Teachers will develop classroom procedures and guidelines

for student engagement with interactive technology tools. Other interactive tools for students are document cameras, LCD projectors, Mobi pads & clickers. Classroom

observations focused on student interaction with technology will be documented along with notations within the teacher's lesson plans.

Research cited: Alabama Technology Course of Study

Category:

Research Cited: Research cited: Alabama Technology Course of Study

Activity - Interactive Technology Tool Engagement	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Use digital tools to solve mathematic problems in grades ten through twelve. Barbour County High School will use this activity to support the needs of our students, especially those of high poverty, to afford them the equitable opportunity to interact with technology and prepare for careers and college.	Technology	08/06/2015	05/26/2016	$4000	Title I Part A	Classroom teachers and principals

Activity - Professional Development	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
There will be professional development for all educators in order to enhance teaching and learning in the classrooms as well as school wide.	Professional Learning, Behavioral Support Program, Academic Support Program	08/06/2015	05/26/2016	$2000	Title I Part A	Teachers and administrators

Measurable Objective 2:

100% of Ninth, Tenth, Eleventh and Twelfth grade students will demonstrate a proficiency by participating in at least one on-line learning experience prior to graduation in Career & Technical by 05/23/2016 as measured by schooll records and implementation of the Course of Study reflected in lesson plans..

Strategy 1:

Career Tech Online Learning Experience - The Barbour County School District will implement an online learning experience for 9 - 12 grade students through the

required Career Preparedness Course. All 9th grade students and any 10 - 12 grade transfer students will be required to take the Career Parparedness Course.The

Career Preparedness course will be taught in the computer lab. The course will be monitored through lesson plans and grades.

Category:

Research Cited: Alabama Course of Study for Career Prepareness

Activity - Digital Citizenship	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Demonstrate appropriate digital citizenship through safe, ethical, and legal use of technology systems and digital content. a. Explain consequences of illegal and unethical use of technology systems and digital content. Examples: cyberbullying, plagiarism b. Interpret copyright laws and plolicies with regard to ownership and use of digital content. c. Explain the implications of creating and maintaining a positive digital footprint. d. Critique Internet and digital information for validity, reliability, accuracy, bias, and current relevance. e. Cite sources of digital content using a style manual. Examples: Moedern Language Association (MLA) American Psychological Association (APA)	Career Preparation/Orientation	08/19/2015	05/23/2016	$0	No Funding Required	Business Education Teacher

Activity - Technology Troubleshooting	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Diagnose problems with hardware, software, and advanced network stystems. Examples: printer, profector, power supply, task mamager, network connectivity	Career Preparation/Orientation	08/19/2015	05/23/2016	$0	No Funding Required	Business Education Teacher

Activity - Collaborative Learning Projects	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Utilize an online learning-management system to engage in collaborative learning projects, discussions, and assessments beyond the traditional classroom that are goal-oriented, focused, project-based, and inquiry-oriented. Examples: Moodle, Edmodo, Blackboard, Canvas	Career Preparation/Orientation	08/19/2015	05/23/2016	$0	No Funding Required	Business Educaiton Teacher

Goal 2: Prepare and support teachers and leaders to graduate College- and Career-Ready Students

Measurable Objective 1:

demonstrate a proficiency in exhibiting knowledge, skills, and work processes that are representative of an innovative professional in a global and digital society by 05/26/2016 as measured by classroom observations and EDUCATEAlabama reports.

Strategy 1:

Professional Development - Teachers at Barbour County High School have been provided with professional development and will have ongoing opportunities to enhance their technology skills to increase their proficiency with technology needed in the classroom. This professional development will help teachers to integrate technology into their lessons and to increase students' hands-on experience with technology. Teachers will also prepare students with technology skills that will enable them to actively participate in the learning experience and become more knowledgeable of the technology that will help them in their preparation for college and careers.

Category:

Research Cited: Alabama Plan 2020

Activity - Document Camera Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Teachers at BCHS will be provided with training on the use of Document Cameras as needed in order to increase technology integration in the classroom.	Professional Learning	08/06/2015	05/26/2016	$0	No Funding Required	Technology coordinator, director of instructional services and federal programs, outside consultants, school administrators and teachers

Activity - SmartBoard Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
BCHS will provide training on the use of SmartBoards for instructional personnel as needed in order to increase technology integration in the classroom.	Professional Learning	08/06/2015	05/26/2016	$0	No Funding Required	Technology coordinator and teachers

Activity - OdysseyWare Training	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
A select group of teachers, counselors and school administrators of BCHS will be trained and/or refreshed on the use of OdysseyWare Instructional Software to assist high poverty and high need at-risk students currently in grades 10-12.	Professional Learning	08/06/2015	05/26/2016	$1875	Title II Part A	Technology coordinator, school administrators and teachers

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

Professional development for all educations in order to enhance the teaching and learning in the classroom as well as school wide	Professional Learning, Behavioral Support Program, Academic Support Program	08/06/2015	05/26/2016	$2000	Title I Part A	Teachers and administrators

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

Measurable Objective 1:

collaborate to ensure BCHS has external internet connections to its internet service provider that enables easy student and teacher access to online resources and tools, such as digital content, video streaming, digital textbooks, and online assessments by 05/26/2016 as measured by survey results: teachers, students, administrators, and parents.

Strategy 1:

School Interactive Website - Barbour County High School as part of the district's planning partnered with School In sites to design and host an interactive website for the school. The website contains the following interactive content: Upcoming Events, Calendars, Resource Links, Survey Links, INOW Parental Portal, INOW Teacher Portal, Homework and Assignment Links, departmental links, and organization links. Funding was the only resources needed as all the infrastructure was currently in place. It will be monitored by the school level by the principal for updates and content as well as the counter for visitors to the website.

Category:

Research Cited: Alabama Plan 2020

Activity - INOW Parent Portal	Activity Type	Begin Date	End Date	Resource Assigned	Source Of Funding	Staff Responsible
Through the INOW Home Portal link on the Barbour County High School website, parents can access grades, lesson plans, attendance, assignments and upcoming events. Schools have provided and will continue to provide training opportunities for parents.	Parent Involvement	08/06/2015	05/26/2016	$9100	Other	Technology coordinator, superintendent, district staff, school administrators, teachers

Activity Summary by Funding Source

Below is a breakdown of your activities by funding source

Title II Part A

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
OdysseyWare Training	A select group of teachers, counselors and school administrators of BCHS will be trained and/or refreshed on the use of OdysseyWare Instructional Software to assist high poverty and high need at-risk students currently in grades 10-12.	Professional Learning	08/06/2015	05/26/2016	$1875	Technology coordinator, school administrators and teachers
				Total	$1875	

Other

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
INOW Parent Portal	Through the INOW Home Portal link on the Barbour County High School website, parents can access grades, lesson plans, attendance, assignments and upcoming events. Schools have provided and will continue to provide training opportunities for parents.	Parent Involvement	08/06/2015	05/26/2016	$9100	Technology coordinator, superintendent, district staff, school administrators, teachers
				Total	$9100	

Title I Part A

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Professional Development	Professional development for all educations in order to enhance the teaching and learning in the classroom as well as school wide	Professional Learning, Behavioral Support Program, Academic Support Program	08/06/2015	05/26/2016	$2000	Teachers and administrators

Professional Development	There will be professional development for all educators in order to enhance teaching and learning in the classrooms as well as school wide.	Professional Learning, Behavioral Support Program, Academic Support Program	08/06/2015	05/26/2016	$2000	Teachers and administrators
Interactive Technology Tool Engagement	Use digital tools to solve mathematic problems in grades ten through twelve. Barbour County High School will use this activity to support the needs of our students, especially those of high poverty, to afford them the equitable opportunity to interact with technology and prepare for careers and college.	Technology	08/06/2015	05/26/2016	$4000	Classroom teachers and principals
				Total	$8000	

No Funding Required

Activity Name	Activity Description	Activity Type	Begin Date	End Date	Resource Assigned	Staff Responsible
Digital Citizenship	Demonstrate appropriate digital citizenship through safe, ethical, and legal use of technology systems and digital content. a. Explain consequences of illegal and unethical use of technology systems and digital content. Examples: cyberbullying, plagiarism b. Interpret copyright laws and plolicies with regard to ownership and use of digital content. c. Explain the implications of creating and maintaining a positive digital footprint. d. Critique Internet and digital information for validity, reliability, accuracy, bias, and current relevance. e. Cite sources of digital content using a style manual. Examples: Moedern Language Association (MLA) American Psychological Association (APA)	Career Preparation/Orientation	08/19/2015	05/23/2016	$0	Business Education Teacher
Collaborative Learning Projects	Utilize an online learning-management system to engage in collaborative learning projects, discussions, and assessments beyond the traditional classroom that are goal-oriented, focused, project-based, and inquiry-oriented. Examples: Moodle, Edmodo, Blackboard, Canvas	Career Preparation/Orientation	08/19/2015	05/23/2016	$0	Business Educaiton Teacher
SmartBoard Training	BCHS will provide training on the use of SmartBoards for instructional personnel as needed in order to increase technology integration in the classroom.	Professional Learning	08/06/2015	05/26/2016	$0	Technology coordinator and teachers
Technology Troubleshooting	Diagnose problems with hardware, software, and advanced network stystems. Examples: printer, profector, power supply, task mamager, network connectivity	Career Preparation/Orientation	08/19/2015	05/23/2016	$0	Business Education Teacher

Document Camera Training	Teachers at BCHS will be provided with training on the use of Document Cameras as needed in order to increase technology integration in the classroom.	Professional Learning	08/06/2015	05/26/2016	$0	Technology coordinator, director of instructional services and federal programs, outside consultants, school administrators and teachers
				Total	$0	