Career Guidance:

Everyone Has A Role to Play

Meg Smith

Alabama Department of Education









Who Are Our Stakeholders?

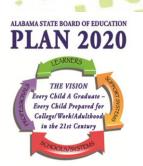
- Schools
- Business and Industry
- Parents
- Students



Where Did Alabama Begin?

All Students prior to entering the 9th grade were required to have a 4 year Education Plan (1985).

CTE teachers were required to have a 4 Year Education Plan on file for each students in their classes.

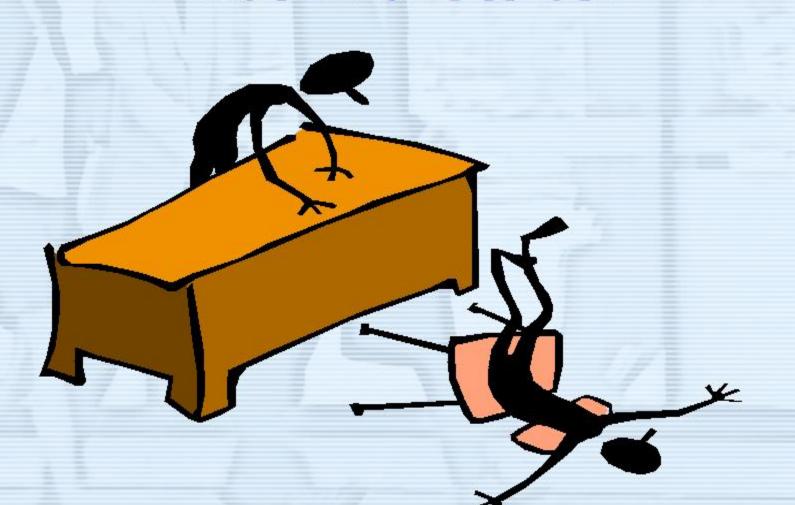


What was really Happening?

- There were three diploma available to student in Alabama.
- Alabama High School Diploma
 - with Advanced Academic Endorsement
 - with Career Technical Endorsement
 - with Advanced Career Technical Endorsement
- Alabama Occupational Diploma (IEP required)
- Alabama Adult Alternate Diploma



"Help me please. I am so confused. I don't know what I want to be."



Student's Name:	Birth Date:	Graduation Date:	
Diploma:		Postsecor	ndary Plan:
Career Goal:	Career Goal:	Career Goal:	Career Goal:
Grade 9	Grade 10	Gra de 11	Gra de 12
English 9 (level):	English 10 (level)	English 11 (level)	English (level)
Math:	Math:	Math:	Math:
Science:	Science:	Science:	Science:
World History to the Present	US History to 1900	US History to the Present	Government & Economics
Elective:	Elective:	Elective:	Elective:
Elective:	Elective:	Elective:	Elective:
Elective:	Elective:	Elective:	Elective:
Elective:	Elective:	Elective:	Elective:
Credits Earned	Credits Earned	Credits Eamed	Credits Earned
Parent's Signature	Parent's Signature	Parent's Signature	Parent's Signature
Student Signature	Student Signature	Student Signature	Student Signature
Counselor's Signature	Counselor's Signature	Counselor's Signature	Counselor's Signature
Date:	Date:	Date:	Date:
AHSGE Sections Passed			Articulated Credit Earned
Rea di ng	ACT Composit	e: Date:	
Mathematics			* -
Language	ACT Composit	e: Date:	
Science			-
Social Studies	ACT Composit	e: Date:	* * *
Credits Earned in 8th Grade			ALABAMA STATE BO.
	Course Specific Requirements for Graduation		PLAN
	Fine Arts:	Computer Literacy:	
	Physical Education:	Health:	
			THE V
223-2			Every Child
			College/Wor. in the 21s

First Step

- Alabama Career Pathway Booklet 2003
 - Showed shift from areas to cluster
 - Showed pathways in a cluster
 - Showed suggested 4 year plans for sample occupations within a pathway

The booklet was sent to School Counselors, middle and high school Principals, CTE Administrators, Secondary Curriculum Supervisors, and local Superintendents



Old and New

Alabama Career Pathways	National Career Clusters			
Agriscience				
	Architecture and Construction			
	Business, Management & Administration			
	Marketing, Sales & Service			
	Agriculture, Food & Natural Resources			
Business/Marketing	Marketing Sales and Service			
	Information Technology			
	Hospitality and Tourism			
	Business Management and Administration			
	Finance			
_	Tillalice			
Family and Human Services				
	Human Services			
	Finance			
	Resources for Education and Training			
	Resources for Arts, A/V Technology, and Communication			
	Agriculture, Food and Natural Resources			
	Hospitality and Tourism			
Health Science				
	Health Services			
	Human Services			
Technical				
T COTH TOOL	Architecture and Construction			
	Arts, AV Technology , and Communication			
	Human Services			
	Manufacturing			
	Transportation, Distribution, and Logistics			
	Law, Public Safety, and Security			
	Science, Technology, Engineering, and Math			





FOCUS AREAS

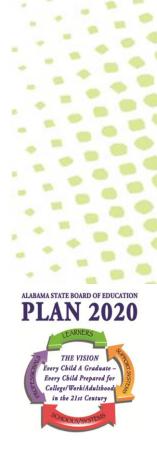
ENVIRONMENTAL AND NATURAL RESOURCES

AGRICOMMERCE AND COMMUNICATION

AGRIENGINEERING

ANIMAL BIOSYSTEMS

PLANT BIOSYSTEMS



ENVIRONMENTAL AND NATURAL RESOURCES

HIGHLIGHTED CAREERS

Forestry Specialist
Fish and Wildlife Specialist
Environmental Specialist
Government Regulator



Forestry Specialist

Recommended High School Curriculum

Grade 9	Grade 10	Grade 11	Grade 12
English Algebra I Physical Science World History to the Present	English Geometry Biology American History to 1900	English Algebra II with Trigonometry Chemistry American History to the Present	English Senior-Level Math Anatomy Government Economics
Electives	Electives	Electives	Electives

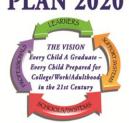
Suggested Electives in	Related Career/Technical	Related Academic
Career/Technical Major	Courses	Courses
Forestry Fish and Wildlife Management Plant Biotechnology Environmental Science and Natural Resources AgniMarketing AgniPassinan Management and Development AgniComputer Systems AgniPower Machanics	Coordinated Studies Education Any Course in Business Marketing Education Introduction to Welding Technology Environmental Health	

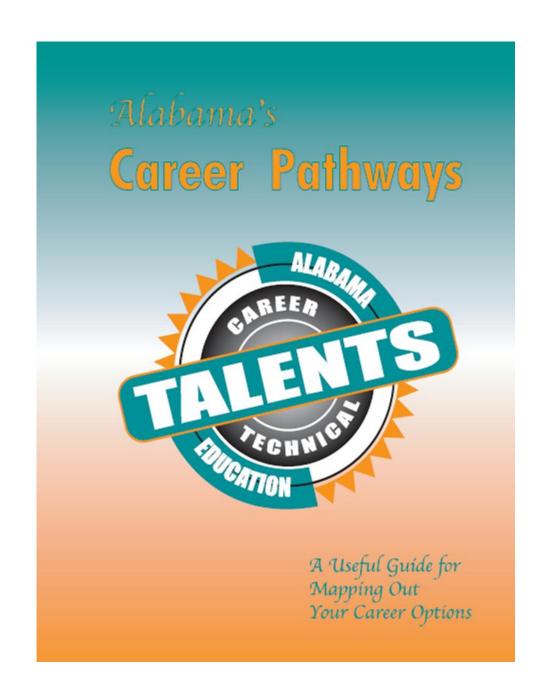
Postsecondary Options for this Career	
Entrepreneurship	X
Workforce	X
Apprenticeship	X
Technical or Community College	X
University	X

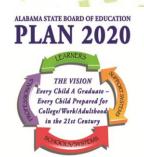
Other Career Opportunities for this Pathway	Entrapren eurship	Worldore	Appendentip	Technical or Community College	University
Forest Ranger	1	X		x	
Forester					X
Heavy Equipment Operator	x	x			
Timber Buyer	X	X		X	X
Urban Forester					X
Environmental Educator					x
Dendrologist				X	x
Tree Surgeon	X	X	X	X	X

2005

- Alabama Career Pathways Booklet was
 - updated and reprinted.
 - put online through the Alabama Career Information Network.
 - mailed to School Counselors, middle and high school Principals, CTE Administrators, Secondary Curriculum Supervisors, and local Superintendents.
- Additional diploma option was added Credit-Based Diploma.
- Alabama Career Development Conference was created in 2004-2005.

































Alabama Career Pathway Focus Areas and Careers

Below is a listing of focus areas & careers for the career cluster you selected. Select a career option to view detailed information about the career.

Pathway: Agriscience



Focus Area: Environmental & Natural Resources

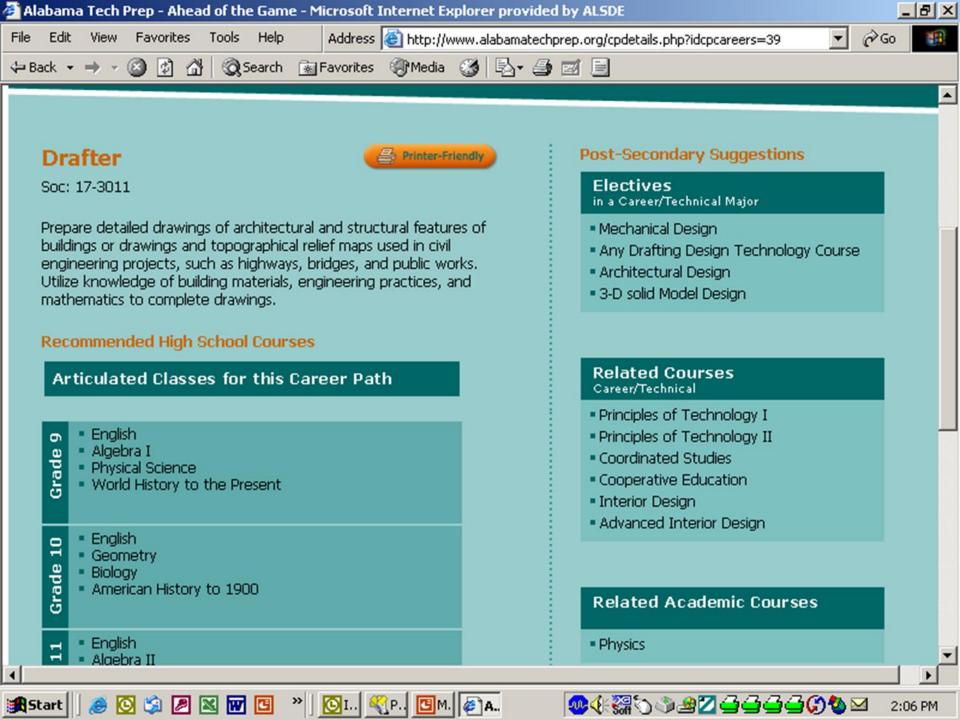
Forestry Specialist Fish and Wildlife Specialist **Environmental Specialist Governmental Regulator**

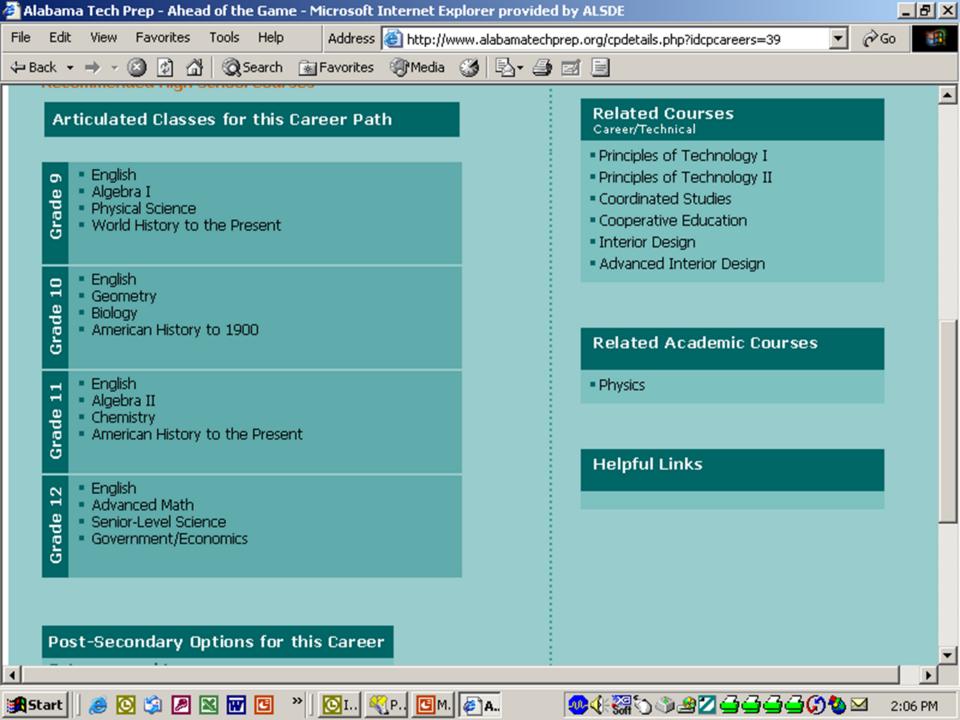
Focus Area: Agricommerce & Communication

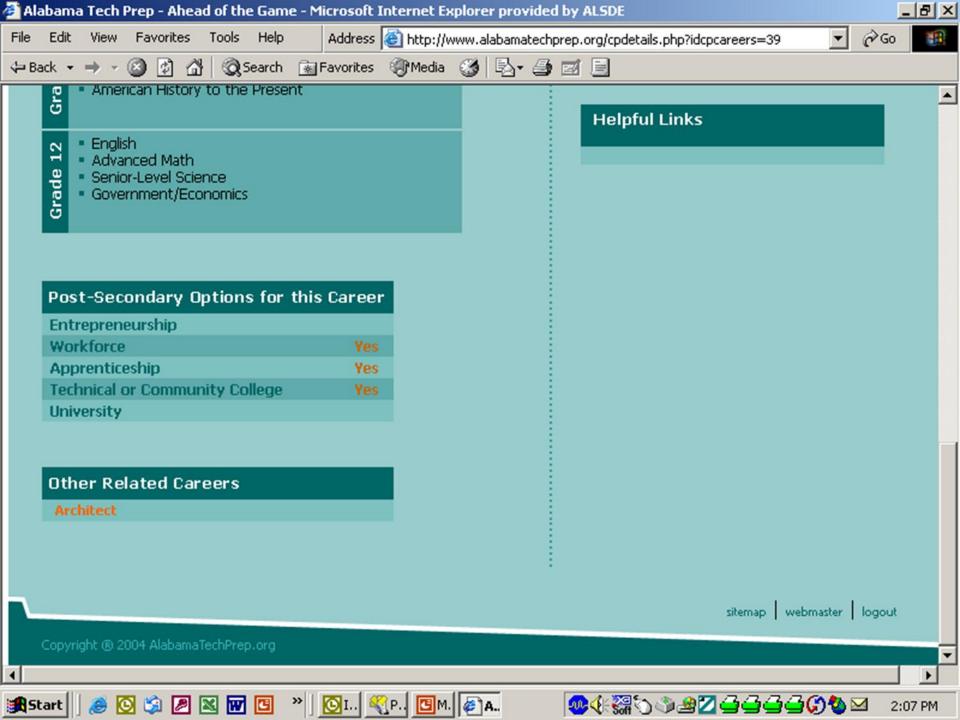
Agriscience Teacher **Agriscience Education Specialist** Agricultural Manager Agricultural Sales Representative **Computer Specialist Agricultural Journalist**

Focus Area: Agriengineering **Agricultural Construction Specialist Agricultural Engineer** Agricultural Mechanic

Focus Area: Animal Biosystems Livestock Specialist Aquaculturist **Poultry Specialist Agricultural Products Processor** Veterinarian







2008

- We began
 - Focused outreach to educators outside of CTE.
 - Outreach to parents.
- College Access Challenge Grant
- Alabama Career Information Network (ACIN)
 - was updated.
 - an Interest Inventory and Aptitude Assessment for students in grades 9 12 was added.





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Financial Aid

After High School

Resources



SELECT LANGUAGE ▼

Career Tech -

ACIN → | Tech Prep → | Search our site:



Education & Career Planner: THE ANSWERS YOU NEED TO

This website is your gateway to valuable career exploration activities and coll information.

WHERE DO I START?

STUDENTS: Get Started!

PARENTS: Plan Your Child's Future!

COUNSELORS: Guide Your Students!

EDUCATORS: Help Your Students!



Latest Announcements

Career Preparedness Course New! Information can be found here.

Career Planning System

View information about both face to face and web based training for the Alabama Career Planning System - Kuder.

Alabama Hot Jobs!

Alabama's Hot 40 Demand Occupations

Lists skills, education requirements, salaries, job descriptions, and average openings for each occupation























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WHERE D Resources

- STUDENTS ACPS Kuder
- PARENTS: Plan Your Child's Future!
- COUNSELORS: Guide Your Students!
- EDUCATORS: Help Your Students!

ANSWERS YOU NEED TO SUCCEED

ble career exploration activities and college financial aid



Latest Announcements

Career Development Conference 25 Jan 2013

Click have for details



Alabama Hot Jobs!

Alabama's Hot 40 Demand Occupations

Lists skills, education requirements, salaries, job descriptions, and average annual job

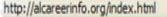
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Career Planning

In today's competitive, fast-paced work environment, it is important to start thinking about your career future now! Every Alabama student deserves a chance to participate and excel in the global workplace. These resources can help you discover the career that best fits your interests and talents.

- On The Job TV is designed to give Alabama citizens a look at jobs available to them.
- Alabama SUCCESS Guides will help you map out a successful education plan.
- Four-Year Education Plans outline courses for careers within each cluster.
- Career Discovery Activities include career-related lesson plans.
- <u>Career Interest Inventory</u> can help people discover work activites and occupations they like.
- Colleges and Universities in Alabama
- Career Forward is an online course that will help students choose a career.

Affording Higher Education

Affording Higher Education is a book of financial aid programs for Alabama students pursuing a higher education.

Exploring Careers

This site is designed to give a quick introduction to careers for students.

Internet

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Making the Difference Video

NASDCTEC recently has created a video, CTE: Making the Difference, which underscores CTE's achievements and potential to help our nation in this global economy.

Go Build Alabama

Created by the Alabama Construction Recruitment Institute, the Go Build campaign is designed to educate young people on the value of learning a trade, dispel their misconceptions about the construction industry and inspire them to consider building a career as a skilled construction tradesman. Through this advertising, public relations and social media campaign, ACRI aims to provide better opportunities for construction tradesmen, more highly skilled employees for construction businesses and enhanced economic development for Alabama and the nation.

The Futures Channel

The Futures Channel provides great videos and information that links scientists, engineers, explorers and visionaries with today's students.

State Scholars Initiative

A new pilot program "State Scholars Initiative" will begin this fall. Pilot programs will be conducted in Dothan, Jefferson County, and Winston County. Approximately 6 schools will be targeted in these areas. The program partners business people with 8th grade students and will follow the students until graduation. The purpose of the program is for students to obtain an advanced dinloma (academic and career tech) and he college and career ready by graduation. Rusiness nartners in the community will





Roles of Stakeholders

- Schools
- Parents
- Business and Industry
 - CTE Commission
- Postsecondary Education
- Community Agencies
- Students

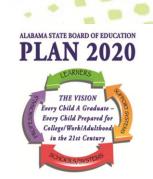


The School's Role

- Involve students in decision-making by providing individualized guidance, information, and resources on career pathways and opportunities for participating in workplace-learning.
- Build student capacity and provide opportunities for students to exercise leadership and civic engagement through Career Technical student organizations and student community service organization.
- Create business and industry partnerships and connect to the economic development activities of your community.
- Work collaboratively on curriculum across disciplines that TAN 2020 related to the work world.

CTE's Outreach to Schools

- LEA In-service for all
- Alabama Counseling Association
- Alabama School Counselor Association
- Alabama Career Development Association
- Alabama Workforce Development Conference
- Alabama Technology Conference
- Alabama Association for Career Technical Education
- CLAS = Administrators 'Association
- State Superintendents' Association
- Alabama Education Association alcareerinfo.org



Parent's Role

- To understand that they are the work example for their child.
- To know what the growing careers are in their area of the state and what is required for those careers.
- To know how to find out what the growing careers are in their state.
- To help your child in the career discovery/career exploration process.
- To understand "You can only be what you know."
- To provide support to schools in career activities,

Outreach to Parents

- Alabama PTA
 - State, Regional, School-based
- Alabama Association of School Boards
- Fatherhood Conference
- Civic Clubs and Community Organizations
- Churches and activity groups
- CACG activities about careers, college admission, and financial aid.



Business and Industry's Local Role

- Assist with the selection and implementation of program/student credentialing, apprenticeships, etc.
- Participate in school career activities
- Serve on local Advisory Councils and Committees and provide insight to
 - Equipment needs.
 - Certification standards.
 - Current business practices.

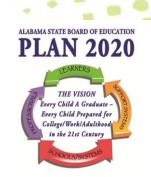


Business and Industry's State Role

- State Advisory Council for CTE
 - Endorse the implementation of the 16 career clusters
 - Encourage participation in dual enrollment & articulation
 - Publicize within their industry CTE results: retention, graduation, employability
 - Support STEM camps, career academies, etc.
 - Discuss the employment pipeline: the link from secondary education to postsecondary education plant state BOARD OF EDUCATION 2020 to the workforce.

Alabama's CTE Commission Recommendations

- Create a high-level state business/educator advisory council to develop and monitor a five-year rolling strategic plan that aligns supply with demand.
- 2. Ensure that every student is enrolled in a career pathway and takes at least two CTE courses.
- 3. Improve local **business and industry commitment** to career development, exploration, and awareness
- 4. Consolidate local K-12 and Postsecondary business advisory councils

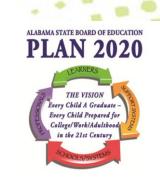


Other Commission Recommendations

- Single diploma
- Greater access to business and industry credentialed individuals as educators
- Guidance and Counseling is a shared responsibility
 - Local workforce development councils participate in guidance training
 - Postsecondary share grant-writing resources with local directors
 - Resource, implement, and enforce the existing comprehensive counseling and guidance program

Funding

- > Request OM line item CTE funding for CTE
- Request CTE initiative funding
- Request bond issue for equipment and supplies



PLAN 2020

The Vision

Every Child A Graduate – Every Graduate Prepared for College/Work/Adulthood in the 21st Century

Priorities

ALABAMA'S 2020 LEARNERS



ALABAMA'S 2020 SUPPORT SYSTEMS





ALABAMA'S 2020 PROFESSIONALS



ALABAMA'S 2020 SCHOOLS/SYSTEMS

Alabama State Board of Education

Alabama's 2020 Learners

- All students perform at or above proficiency and show continuous improvement (achievement/growth).
- All students succeed (gap closure).
- Every student graduates from high school (grad rate).
- Every student graduates high school prepared (college and career readiness).

 PLAN 2

A Prepared Graduate:

- Possesses the knowledge and skills needed to enroll and succeed in credit-bearing, first-year courses at a two- or four-year college, trade school, technical school, without the need for remediation.
- Possesses the ability to apply core academic skills to real-world situations through collaboration with peers in problem solving, precision, and punctuality in delivery of a product, and has the problem of the product of the problem in the problem is a product of the problem in the problem is a product of the problem in the problem is a product of the problem in the problem is a product of the problem is a product of the problem is a product of the problem is a problem in the problem in the problem is a problem in the problem in the problem is a problem in the problem in the problem is a problem in the problem in the problem is a problem in the problem in the problem is a problem in the problem

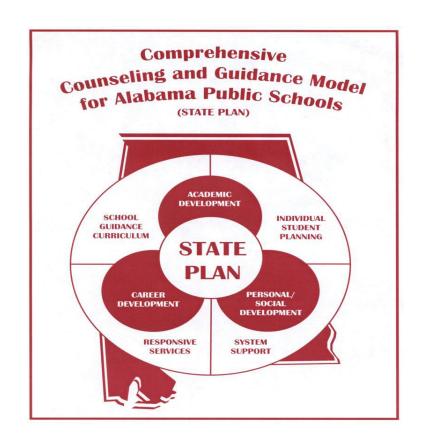
2020 Support Systems

- All students will attend school daily and be engaged in rigorous and relevant learning environments.
- All students will develop a sense of personal and civic responsibility to ensure a learning environment that is safe and civil.
- All students will be provided with individual and group counseling services.
- All students will enter 9th grade prepared and with a 4-year plan that addresses their individual academic and career interest needs.
- All students will be provided with healthy meals, physical education, and health instruction supported with needed meand related services.

2020 Strategies for Support Systems

- Implement an early warning system for student absences and build a community-based support and intervention system.
- Implement a Positive Behavior Support or other related student and school culture program to support student ownership of their actions that includes alternatives to traditional disciplinary sanctions.
- Implement Alabama's Comprehensive Guidance and Counseling Plan.
- Develop and implement a Coordinated School Health and Support Program.

Personal/Social, Academic, and Career Development





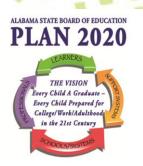
Guidance vs. Counseling

Guidance

The help all students receive from parents, teachers, counselors, community members and others to assist with educational and career development.

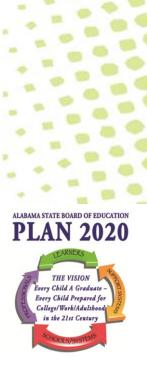
Counseling

The help some students receive from credentialed professionals to overcome personal and social problems that interfere with learning.



Alabama Career Information Network From a Counselor's Point of View

- Website Workshops
- Counselor Training SREB partnership
- Alabama Career Planning Network
 - Kuder Navigator System (Grades 6 12)
 - Interest Inventory
 - Skills assessment
 - Work Readiness Values Assessment
 - Electronic portfolio
 - Electronic 4 year Education Plan
- Counselor Brochures for all grade levels
- Cluster Brochures and Posters



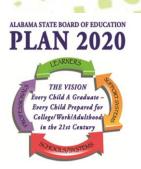
Alabama Career Information Network From a Teacher's Point of View

- Professional Development information
- Career Planning
- Financial Aid
- College and University Information
- Sample 4-year Plans for Alabama students
- SUCCESS guides for download
- On The Job videos
- Alabama Career Planning Network
 - Kuder Navigator System (Grades 6 12)
 - Electronic portfolio
 - Electronic 4-year Educational Plan
 - Lesson Plans
- Cluster Brochures and Posters



2013-14

- Single Diploma
- Required 4 year high school education plan
- Interest Inventory, Aptitude Assessment and Work Values assessment provided free of charge to LEAs by state
- Required Career Preparedness course



ALABAMA HIGH SCHOOL DIPLOMA

The third and fourth science credits may be used to meet both the science and CTE course

World History, U.S. History x 2, and Government/Economics or AP/IB/postsecondary equivalent

Career Preparedness Course (Career and Academic Planning, Computer Applications, Financial

Students choosing CTE, Arts Education, and/or Foreign Language are encouraged to complete two

requirement and must be chosen from the Alabama Course of Study: Science or

ALABAMA HIGH SCHOOL DIFLOMA	
AREAS OF STUDY	REQUIREMENTS
English Language Arts	English 9, 10, 11, and 12 or any AP/IB/postsecondary equivalent option of these courses
Mathematics	Algebra I, Geometry, and Algebra Ii w/ Trig or Algebra II, or their equivalent. Additional course(s) to complete the four credits in mathematics must be chosen from the Alabama Course of Study: Mathematics or CTE/AP/IB/postsecondary equivalent courses.

Biology and a physical science

courses.

Literacy)

LIFE (Personal Fitness)

courses in sequence.

CTE/AP/IB/postsecondary equivalent courses

Alabama Course of Study: Health Education

One JROTC credit may be used to meet this requirement

Science

Social Studies

Physical Education

Health Education

Career Preparedness

and/or Arts Education

Electives

CTE and/or Foreign Language

Total Credits Required for Graduation

CREDITS these courses 4

4

4

1

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1

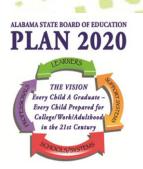
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A Student's Four-Year Plan

- Is based on a career goal
- Outlines high school courses needed/suggested to reach their career goal
- Outlines postsecondary education requirement to reach their career goal





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Home

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Alabama Career Planning System

LOGIN NOW!

The Alabama Career Planning System provides education and career planning resources to help you build a successful future. Whether you're searching for higher education or training, exploring career options, or creating a professional portfolio of materials for the job search, the system can provide you with the tools you need.

Students

With the Alabama Career Planning System you can plan for education and prepare for careers by learning about your interests, skills, and work values and exploring your options using a variety of interactive tools.

Counselors/Educators

The Alabama Career Planning System provides the Kuder Administrative Database Management System to assist educators with connecting directly with students and making informed, real-time educational program decisions.

Students · Parents · Counselors · Educators · About ACIN · ACIN Partners · Site Map

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Phone: 334-242-9111 · Fax: 334-242-0234 · Email: webmaster@alcareerinfo.org









CAREER PREPAREDNESS 400025

This is a one-credit course required for graduation that can be taught in grades 9-12. The course prepares students with content knowledge and skills to be college and career ready. It incorporates three components: career development and academic planning; computer skill application; and financial literacy knowledge. This course is designed to meet the required 20-hour online experience.

Academic and Career Planning

- 7 of 23 content standards address ACP
- Activities include
 - Developing & annual review of 4-year Educational Plan
 - Taking an interest and aptitude assessments
 - Doing career research cluster and pathway
 - Applying for postsecondary education & financial aid
 - Creating an electronic portfolio
- Teacher Certification areas: Agriscience, Business Marketing, Family and Consumer Sciences,
 Mathematics, General Social Studies, Economics



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Career Development Activities Guide



Career Development Activity Guide

- Career Development activities
 - \blacksquare for Grades K 12.
 - Developed for school counselors by school counselors
 - Printed and posted on line
 - Follow the ASCA National Model Career Development Standard area

