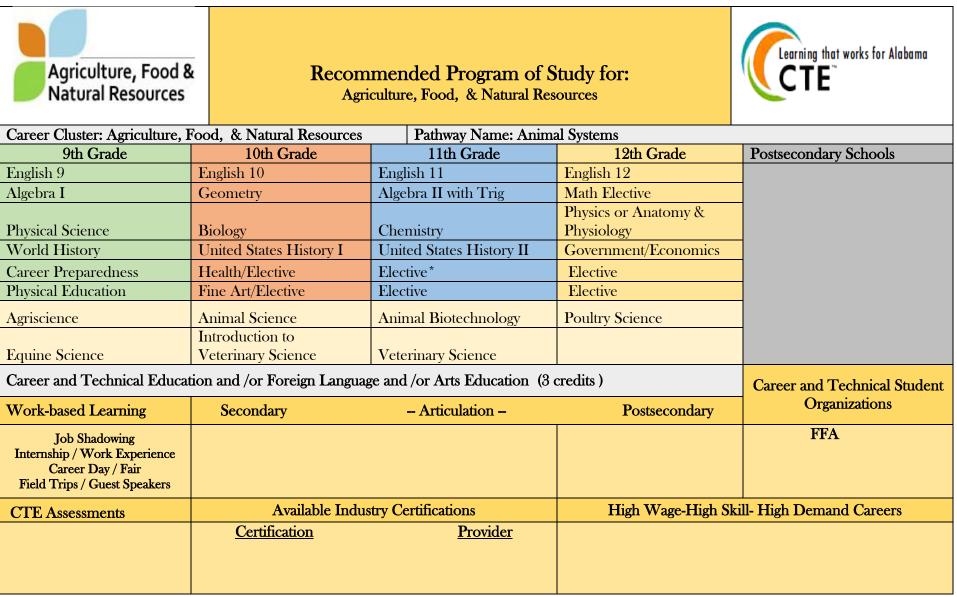
Agriculture, Food & Natural Resources	Agri	Learning that works for Alabama		
Career Cluster: Agriculture, Fo		Pathway Name: Gene		
9th Grade	10th Grade	11th Grade	12th Grade	Postsecondary Schools
English 9	English 10	English 11	English 12	_
Algebra I	Geometry	Algebra II with Trig	Pre-Calculus or Calculus	
Physical Science	Biology	Chemistry	Physics or Botany	
World History	United States History I	United States History II	Government/Economics	
Career Preparedness	Health/Elective	Elective	Elective	
Physical Education	Elective	Elective	Elective	
Fundamentals of Agriscience	Intermediate Agriscience	Advanced Agriscience	Applied Agricultural Mechanics	
CTE and /or Foreign Languag	Career and Technical Student			
Work-based Learning	Secondary	– Articulation –	Postsecondary	Organizations
Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers				FFA
CTE Assessments	Available Industry Certifications		High Wage-High Skill- High Demand Careers	
	Certification	Provider		



*Some 4 Year Degree programs may require



Recommended Program of Study for:



Agriculture, Food, & Natural Resources

Career Cluster: Agriculture, Food, & Natural Resources Pathway Name: Plant Systems						
9th Grade	10th Grade	11th Grade	12th Grade	Postsecondary Schools		
English 9	English 10	English 11	English 12			
Algebra I	Geometry	Algebra II or equivalent	Math Elective			
Physical Science	Biology	Chemistry	Physics or Botany			
World History	United States History I	United States History II	Government/Economics			
Career Preparedness	Health/Elective	Elective*	Elective*			
Physical Education	Elective	Elective*	Elective*			
			Greenhouse Production			
Agriscience	Plant Biotechnology	Horticultural Science	and Management			
	Sports Turfgrass		Residential Landscape			
Nursery Production &	Production and	Landscape Design &	Establishment &			
Management	Management	Management	Management			
CTE and /or Foreign Language and /or Arts Education (3 credits)						
Work-based Learning	Secondary	- Articulation -	Postsecondary	Organizations		
Job Shadowing Internship / Work Experience Career Day / Fair Field Trips / Guest Speakers				FFA		
CTE Assessments	Available Industry Certifications		High Wage-High Skill- High Demand Careers			
	<u>Certification</u>	<u>Provider</u>				

