

Colorado Agriculture Course Scope and Sequence

Course Name	Ag. Exploratory - NFFA	Course Details	This is a 6-9 week course to be utilized in a middle school exploratory program.		
		Course = 0.50 Carnegie Unit Credit			
Course Description	This course offers basic agriculture industry knowledge with consumer awareness for exploratory middle school courses. Students will engage in issues, trends, and perceptions of the agriculture industry to better understand their choices and impacts as a consumer.				
Note:	This is a suggested scope and sequence for the course content. The content will work with any textbook or instructional resource. If locally adapted, make sure all essential knowledge and skills are covered.				
SCED Identification #		Schedule calculation based on 60% of a semester instructional time. Scope and sequence allows for additional time for guest speakers, student presentations, field trips, remediation, or other content topics.			
All courses taught in an approved CTE program must include Essential Skills embedded into the course content. The Essential Skills Framework for this course can be found at https://www.cde.state.co.us/standardsandinstruction/essentialskills					
Unit Number, Title and Brief Description	CTE or Academic Standard Alignment	Competency / Performance Indicator	Outcome / Measurement	Resources/Activity Ideas	
Unit 1: Defining Agriculture	CS.01 Analyze how issues, trends, technologies, and public policies impact systems in Agriculture, Food, & Natural Resource Career Clusters	<p>CS.01.01 Research, examine, and discuss issues and trends that impact AFNR systems on local, state, national, and global levels.</p> <p>CS.01.03 Identify public policies and examine their impact on AFNR systems</p>	<p>CS.01.01.01.a Examine historical and current data to identify issues impacting AFNR systems.</p> <p>CS.01.01.02.a Research and summarize trends impacting AFNR systems</p> <p>CS.01.03.01.a Summarize public policies affecting AFNR systems.</p> <p>CS.01.03.02a Identify influential historical and current public policies that impact AFNR systems.</p>	https://ffa.app.box.com/s/2s3w6e7ft0ez8oyfc36gfpk20ifpzmen/folder/50747177964	
Unit 2: Colorado Agriculture	Understand agriculture practices and commodities in Colorado	<p>Explain the importance of common agriculture practices to the state of Colorado in regards to the various topography and geography of the state.</p> <p>Identify the commodities grown in Colorado and their</p>	<p>Identify common agriculture practices (crop rotation, fallow ground, etc)</p> <p>Describe how the geography and topography of Colorado influences the growing season.</p> <p>Define commodity.</p>	https://www.growingyourfuture.com/student-center/interactive-learning/ https://www.growingyourfuture.com/educator-center/colorado-reader/current-issues/	

		influence on the Colorado economy.	Identify the financial impact of agriculture for a specific region. Summarize the total impact agriculture has statewide for Colorado.	
Unit 3: AFNR Pathways	CS.02 Evaluate the nature and scope of the Agriculture, Food & Natural Resources Career Cluster and the role of agriculture and natural resources (AFNR) in society and the economy.	CS.02.02. Examine the components of the AFNR systems and assess their impact on the local, state, natural, and global society and economy.	CS.02.02.01.a Identify and summarize the components within AFNR systems (e.g. Animal systems, health, nutrition, genetics, Natural Resource systems, soil, water, etc) CS.02.02.02.a Define and summarize societies on local, state, national, and global levels and describe how they are related to AFNR systems.	https://agclassroom.org/matrix/lesson/489/
Unit 5: Consumer Awareness -Plant Science -Animal Science -Food Science	FPP.04 Explain the scope of the food industry and the historical and current developments of food products and processing.	FPP.04.01 Examine the scope of the food industry by evaluating local and global policies, trends, and customs for food production. FPP.04.02 Evaluate the significance and implication of changes and trends in the food products and processing industry in the local and global food systems,	FPP.04.01.01.a Research and summarize examples of policy and legislation that affect food products and processing systems in the United States and around the world (e.g. labeling, GMO's, biosecurity, food system policy, dietary guidelines, etc). FPP.04.01.02.a Examine the impact of consumer trends on food products and processing practices (e.g. health and nutrition, organic, information about food products, local food movements, farm-to-fork supply chains, food systems transparency, etc) FPPS.04.02.01.a Describe and explain the components of the food products and processing industry (e.g. processing, distribution, byproducts, etc) FPP.04.02.02.a Identify and explain environmental and safety concerns about the food supply. FPP.04.02.03.a Research and describe current and emerging technologies related to food products and processing (e.g. high pressure processing of foods, automation, biotechnology, etc)	https://ffa.app.box.com/s/2s3w6e7ft0ez8oyfc36gfpk20ifpzmen/folder/50746647711

