



Colorado Standards Alignment

The presentations offered by the Educated Choices Program provide support for teaching and learning of the following standards.

Colorado Standards HEALTH EDUCATION 9-12			ECP Presentations				
			Environment and Modern Agriculture	Healthful Eating	Modern Animal Agriculture	The Ethics of Eating	Cell-Based/Plant-Based Technologies
Physical and Personal Wellness in Health	Standard 2, GLE 1	a. Use nutritional evidence to describe a healthy diet and an unhealthy diet		✓		✓	
		b. Analyze and describe the relationship among healthy eating, physical activity, and chronic diseases such as heart disease, cancer, type-2 diabetes, hypertension, and osteoporosis		✓		✓	

Physical and Personal Wellness in Health	Standard 2: GLE 1	c. Describe the importance of eating a variety of foods to balance nutrient and caloric needs		✓		✓	
		d. Explain the effects of disordered eating and eating disorders on healthy growth and development		✓		✓	
		Inquiry Questions 1: How do you define "healthy eating"?		✓		✓	
		Inquiry Questions 2: If everyone had a healthy diet, how would diseases be impacted?		✓		✓	
		Inquiry Questions 3: Can frequent exercise make up for poor food habits (or vice versa)? Why or why not?		✓		✓	
		Relevance and Application 2: Restaurants and food companies respond to concerns among consumers about healthful food choices, and create menus and products to address those concerns.		✓		✓	
		Nature of Health 1: Healthful living requires an individual to act on available information about good nutrition, even it means breaking comfortable habits.		✓		✓	
	Standard 2: GLE 2	b. Analyze how family, peers, and the media influence food choices		✓		✓	✓

Physical and Personal Wellness in Health	Standard 2: GLE 2	Inquiry Questions 2: If there were no food advertising, how might your diet be different?		✓		✓	
		Relevance and Application 3: Food availability subsidies, farm policy, food advertising and cultural and media messages influence nutritional choices.	✓	✓	✓	✓	✓
		Nature of Health 1: Healthful living requires an individual to critically analyze all available information about good nutrition, and make healthy, informed choices based on that information.		✓		✓	
	Standard 2: GLE 3	a. Describe and explain how current federal nutrition standards and guidelines are useful in planning a healthy diet		✓		✓	
		d. Set a goal to improve one's personal food choices that lead to a healthier diet		✓		✓	
		Nature of Health 2: Healthy eating can influence physical, emotional, and mental health in a variety of positive ways.		✓		✓	
	Standard 2: GLE 6	a. Analyze the role of personal responsibility in maintaining and enhancing personal, family, and community wellness		✓		✓	
		Nature of Health 1: Quality of life is linked to our personal investment in health and wellness.		✓		✓	

Colorado Standards READING, WRITING, and COMMUNICATING 9-12			ECP Presentations				
			Environment and Modern Agriculture	Healthful Eating	Modern Animal Agriculture	The Ethics of Eating	Cell-Based/Plant-Based Technologies
Oral Expression and Listening: Grade 9	Standard 1: GLE 2	a. Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively. (CCSS: SL.9-10.1)	✓	✓	✓	✓	✓
		a.i. Work with peers to promote civil, democratic discussions and decision-making, set clear goals and deadlines, and establish individual roles as needed. (CCSS: SL.11-12.1b)	✓	✓	✓	✓	✓
Oral Expression and Listening: Grade 10	Standard 1: GLE 2	a. Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 9–10 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively. (CCSS: SL.9-10.1)	✓	✓	✓	✓	✓
		a.viii. Respond thoughtfully to diverse perspectives, summarize points of agreement and disagreement, and, when warranted, qualify or justify their own views and understanding and make new connections in light of the evidence and reasoning presented. (CCSS: SL.9-10.1c)	✓	✓	✓	✓	✓
Oral Expression and Listening: Grade 10	Standard 1: GLE 2	b. Evaluate a speaker’s point of view, reasoning, and use of evidence and rhetoric, identifying any fallacious reasoning or exaggerated or distorted evidence. (CCSS: SL.9-10.3)	✓	✓	✓	✓	✓

Oral Expression and Listening: Grade 11	Standard 1: GLE 2	a. Initiate and participate effectively in a range of collaborative discussions (one-on-one, in groups, and teacher-led) with diverse partners on grades 11–12 topics, texts, and issues, building on others’ ideas and expressing their own clearly and persuasively. (CCSS: SL.11-12.1)	✓	✓	✓	✓	✓
		a.ii. Critique the accuracy, relevance, and organization of evidence of a presentation	✓	✓	✓	✓	✓
		a.iii. Evaluate effectiveness of oral delivery techniques	✓	✓	✓	✓	✓
		a.iv. Listen critically to evaluate the overall effectiveness of the presentation	✓	✓	✓	✓	✓
		a.v. Analyze the resources cited for validity	✓	✓	✓	✓	✓
		a.vi. Respond thoughtfully to diverse perspectives; synthesize comments, claims, and evidence made on all sides of an issue; resolve contradictions when possible; and determine what additional information or research is required to deepen the investigation or complete the task. (CCSS: SL.11-12.1b)	✓	✓	✓	✓	✓
		b. Integrate multiple sources of information presented in diverse formats and media (e.g., visually, quantitatively, orally) in order to make informed decisions and solve problems, evaluating the credibility and accuracy of each source and noting any discrepancies among the data. (CCSS: SL.11-12.2)	✓	✓	✓	✓	✓

Oral Expression and Listening: Grade 11	Standard 1: GLE 2	c. Evaluate a speaker's point of view, reasoning, and use of evidence and rhetoric, assessing the stance, premises, links among ideas, word choice, points of emphasis, and tone used. (CCSS: SL.11-12.3)	✓	✓	✓	✓	✓
Oral Expression and Listening: Grade 12	Standard 1: GLE 2	b. Propel conversations by posing and responding to questions that probe reasoning and evidence; ensure a hearing for a full range of positions on a topic or issue; clarify, verify, or challenge ideas and conclusions; and promote divergent and creative perspectives. (CCSS: SL.11-12.1c)	✓	✓	✓	✓	✓

Colorado Standards SCIENCE 9-12			ECP Presentations				
			Environment and Modern Agriculture	Healthful Eating	Modern Animal Agriculture	The Ethics of Eating	Cell-Based/Plant-Based Technologies
Life Science	Standard 2: GLE 1	a. Analyze how energy flows through trophic levels	✓		✓	✓	
		b. Evaluate the potential ecological impacts of a plant-based or meat-based diet	✓		✓	✓	✓
Life Science	Standard 2: GLE 2	c. Evaluate data and assumptions regarding different scenarios for future human population growth and their projected consequences	✓		✓	✓	✓
		d. Examine, evaluate, question, and ethically use information from a variety of sources and media to investigate ecosystem interactions	✓		✓	✓	
Earth Systems Science	Standard 3: GLE 4	d. Identify mechanisms in the past and present that have changed Earth's climate	✓			✓	

Earth Systems Science	Standard 3: GLE 4	e. Analyze the evidence and assumptions regarding climate change	✓			✓	
	Standard 3: GLE 5	a. Develop, communicate, and justify an evidence-based scientific explanation regarding the costs and benefits of exploration, development, and consumption of renewable and nonrenewable resources	✓			✓	✓
		b. Evaluate positive and negative impacts on the geosphere, atmosphere, hydrosphere, and biosphere in regards to resource use	✓			✓	✓
		c. Create a plan to reduce environmental impacts due to resource consumption	✓			✓	✓
		d. Analyze and interpret data about the effect of resource consumption and development on resource reserves to draw conclusions about sustainable use	✓			✓	✓
	Standard 3: GLE 6	c. Evaluate negative and positive consequences of physical and chemical changes on the geosphere	✓		✓	✓	
		Relevance and Application 3: Human activities such as agricultural practices have impacts on soil formation and soil loss.	✓			✓	

<p>Colorado Standards</p> <p>SOCIAL STUDIES 9-12</p>			ECP Presentations				
			Environment and Modern Agriculture	Healthful Eating	Modern Animal Agriculture	The Ethics of Eating	Cell-Based/Plant-Based Technologies
Geography	Standard 2: GLE 1	Nature of Science 3: Spatial thinkers predict how human activities will help shape Earth's surface and ways that people might cooperate and compete for use of Earth's surface.	✓		✓	✓	✓
	Standard 2: GLE 2	a. Apply geography skills to help investigate issues and justify possible resolutions involving people, places, and environments. Topics to include but not limited to how people prepare for and respond to natural hazards	✓		✓	✓	✓
		b. Identify, evaluate, and communicate strategies to respond to constraints placed on human systems by the physical environment	✓		✓	✓	✓
		c. Explain how altering the environment has brought prosperity to some places and created environmental dilemmas for others	✓		✓	✓	
		d. Research and interpret multiple viewpoints on issues that shaped the current policies and programs for resource use	✓		✓	✓	✓
		e. Explain how information and changing perceptions and values of places and environment influence personal actions	✓		✓	✓	✓
		f. Define sustainability and explain how an individual's actions may influence sustainability	✓		✓	✓	✓

Geography	Standard 2: GLE 2	Inquiry Questions 1: What will happen if farm land degrades around the world?	✓			✓	✓
		Inquiry Questions 5: What are the maximum limits of human activity the environment can withstand without deterioration?	✓			✓	
		Relevance and Application 1: Individual actions affect the local environment and global community such as the impact of recycling and consumption of resources.	✓		✓	✓	
		Nature of Geography 1: Spatial thinkers study how the physical environment is modified by human activities, including how human societies value and use natural resources.	✓		✓	✓	
		Nature of Geography 2: Spatial thinkers evaluate major areas of environmental and societal interaction.	✓		✓	✓	✓
	Standard 2: GLE 3	a. Explain how the uneven distribution of resources in the world can lead to conflict, competition, or cooperation among nations, regions, and cultural groups	✓			✓	
		Nature of Geography 1: Spatial thinkers study the interconnection between physical processes and human activities that help shape the Earth's surface.	✓		✓	✓	✓
Economics	Standard 3: GLE 1	a. Analyze the relationships between economic goals and the allocation of scarce resources	✓		✓	✓	
		Nature of Economics 1: When using an economic way of thinking individuals study how productive resources are changing in order to anticipate new problems with scarcity of desired resources	✓		✓	✓	✓
		Nature of Economics 2: Economic thinkers analyze how economies utilize resources to meet the cumulative wants and needs of the individuals in a society	✓		✓	✓	✓

Economics	Standard 3: GLE 1	Nature of Economics 3: When using an economic way of thinking individuals study factors that lead to increased economic interdependence, increased productivity, and improved standard of living for the individuals in a society	✓		✓	✓	
	Standard 3: GLE 2	e. Analyze how positive and negative incentives influence the economic choices made by individuals, households, businesses, governments, and societies	✓	✓	✓	✓	✓
		Nature of Economics 1: Economic thinkers gather and analyze data to explore trends and predictions	✓		✓	✓	✓
Civics	Standard 4: GLE 1	a. Engage ethically in civic activities including discussing current issues, advocating for their rights and the rights of others, practicing their responsibilities, influencing governmental actions, and other community service learning opportunities	✓		✓	✓	✓
		Relevance and Application 1: Decision-making involves researching an issue, listening to multiple perspectives, and weighing potential consequences of alternative actions. For example, citizens study the issues before voting.	✓		✓	✓	✓
		Nature of Civics 1: Responsible community members research civic issues and act appropriately using a variety of sources from multiple perspectives and communicating views in a respectful, ethical manner.	✓		✓	✓	✓