



Missouri 7th and 8th Grade Standards Alignment

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

Missouri Standards			ECP Presentations				
			Environment and Modern Agriculture	Healthful Eating	Modern Animal Agriculture	The Ethics of Eating	Plant-Based / Cell-Based Technology
ENGLISH LANGUAGE ARTS 7-8							
Grade 7: Speaking and Listening	Collaborating 1.B.	Delineate a speaker’s argument and claims, evaluating reasoning in order to pose questions that elicit elaboration and respond to others' questions and comments with relevant observations and ideas that bring the discussion back on topic as needed.	✓	✓	✓	✓	✓
	Collaborating 1.C.	Acknowledge new information expressed by others including those presented in diverse media and, when warranted, modify their own views.	✓	✓	✓	✓	✓

Grade 8: Speaking and Listening	Collaborating 1.B.	Delineate a speaker's argument and claims, evaluating reasoning and sufficiency of evidence in order to pose questions that connect the ideas of several speakers and respond to others' questions and comments with relevant evidence, observations, and ideas.	✓	✓	✓	✓	✓
	Collaborating 1.C.	Acknowledge new information expressed by others including those presented in diverse media and, when warranted, qualify or justify their own views in light of evidence presented.	✓	✓	✓	✓	✓

Missouri Standards HEALTH EDUCATION 7-8			ECP Presentations				
			Environment and Modern Agriculture	Healthful Eating	Modern Animal Agriculture	The Ethics of Eating	Plant-Based / Cell-Based Technology
Grade 7: Functions and Interrelationships of Systems	Personal and Family Health	1.A. Critique personal behaviors and their cause and effect that relate to the following choices: eating breakfast daily; refraining from the use of tobacco and alcohol; sleeping six to eight hours a night; maintaining a healthy weight; daily moderate to vigorous physical activities; making healthy food choices (fruits, vegetables, whole grains, portion sizes)		✓		✓	
	Nutrition	2.B. Evaluate factors that influence food choices (e.g., culture, family, emotions, peers, media) and their impact on nutrition and health.	✓	✓	✓	✓	✓
Grade 8: Health Maintenance and Enhancement	Personal and Family Health	Analyze how social, emotional, physical, and mental health affect wellness		✓		✓	
	Consumer Health and Safety	3.C. Examine the viewpoints and efforts of individuals, communities, and government regarding societal health issues in order to make decisions that are informed and responsible: managing waste, conserving energy and water, pollution control, tobacco free facilities	✓			✓	✓
Grade 8: Risk Assessment and Reduction	Environmental Health	4.B. Evaluate potential results of an environmental solution considering aesthetics, ethics, societal responsibility Examine existing and potential environmental health problems within their community and create solutions to address them	✓			✓	✓

Missouri Standards SCIENCE 7-8			ECP Presentations				
			Environment and Modern Agriculture	Healthful Eating	Modern Animal Agriculture	The Ethics of Eating	Plant-Based / Cell-Based Technology
Life Sciences	6-8.LS2.A.1	Analyze and interpret data to provide evidence for the effects of resource availability on individual organisms and populations of organisms in an ecosystem.	✓			✓	
	6-8.LS2.C.1	Evaluate benefits and limitations on differing design solutions for maintaining an ecosystem.	✓			✓	✓
	6-8.LS4.B.2	Gather and synthesize information about the technologies that have changed the way humans influence the inheritance of desired traits in organisms					✓
Earth and Space Sciences	6-8.ESS3.C.1	Analyze data to define the relationship for how increases in human population and per-capita consumption of natural resources impact Earth's systems.	✓			✓	✓
	6-8.ESS3.C.2	Apply scientific principles to design a method for monitoring and minimizing a human impact on the environment.	✓			✓	✓
	6-8.ESS3.D.1	Analyze evidence of the factors that have caused the change in global temperatures over the past century.	✓			✓	

Engineering, Technology, and Application of Science	6-8.ETS1.A.1	Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions.	✓			✓	✓
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Missouri Standards SOCIAL STUDIES 7-8			ECP Presentations				
			Environment and Modern Agriculture	Healthful Eating	Modern Animal Agriculture	The Ethics of Eating	Plant-Based / Cell-Based Technology
7-8 Geography	History: Continuity and Change	1.1.B. Evaluate historical solutions to problems within and among world regions in order to draw conclusions about current and future decisions.	✓	✓	✓	✓	✓
		1.1.E. Analyze the causes and consequences of a current geographic issue as well as the challenges and opportunities faced by those trying to address the problem.	✓		✓	✓	✓
	Government Systems and Principles	2.1.B. Analyze current human environmental issues using relevant geographic sources to propose solutions.	✓			✓	✓
	Geographical Study	3.2.C. Explain how human-environmental interactions shape people and places.	✓			✓	
	Economic Concepts	4.1.A. Using a geographic lens, evaluate economic decisions to determine costs and benefits on contemporary society.	✓	✓	✓	✓	✓
		4.2.B. Analyze patterns of resource distribution to explain the consequences of personal and public economic decisions.	✓	✓	✓	✓	✓
		4.2.D. Analyze economic systems to explain their impact on peoples' behavior and choices.	✓	✓	✓	✓	✓