















Texas Standards Alignment

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

English Language Arts Grades 7-8		Environment and Modern Agriculture	Healthful Eating	Future of Food
Grade 7 Speaking and Listening	110.19.b.26.A Listen to and interpret a speaker's purpose by explaining the content, evaluating the delivery of the presentation, and asking questions or making comments about the evidence that supports a speaker's claims.	✓	✓	✓
Grade 7 Speaking and Listening	110.19.b.26.C Draw conclusions about the speaker's message by considering verbal communication (e.g., word choice, tone) and nonverbal cues (e.g., posture, gestures, facial expressions).	✓	✓	✓

Grade 8 Speaking and Listening	110.20 b.26.A Listen to and interpret a speaker's purpose by explaining the content, evaluating the delivery of the presentation, and asking questions or making comments about the evidence that supports a speaker's claims.			
Grade 8 Speaking and Listening	110.20 b.26.C Summarize formal and informal presentations, distinguish between facts and opinions, and determine the effectiveness of rhetorical devices.			

Health Education Grades 7-8	Environment and Modern Agriculture	Healthful Eating	Future of Food	
Grade 7 Personal Wellness	115.23 b.3.B. Analyze risks for contracting specific diseases based on pathogenic, genetic, age, cultural, environmental, and behavioral factors			

Grade 7 Personal Wellness	115.23 b.4.A. Use critical thinking to analyze and use health information such as interpreting media messages			
Grade 7 Personal Wellness	115.23 b.6.B. Describe the application of strategies for controlling the environment such as emission control, water quality, and waste management.			
Grade 7 Mental, Emotional and Social Health	115.23 b.9.B Describe characteristics that contribute to family health.			

Science Grades 7-8	Environment and Modern Agriculture	Healthful Eating	Future of Food	
<p>Grade 7</p>	<p>112.19.a.4.E.i</p> <p>Students will understand the relationship between living organisms and their environment. Different environments support different living organisms that are adapted to that region of Earth. Organisms are living systems that maintain a steady state with that environment and whose balance may be disrupted by internal and external stimuli. External stimuli include human activity or the environment. Successful organisms can reestablish a balance through different processes such as a feedback mechanism. Ecological succession can be seen on a broad or small scale.</p>	<p>✓</p>		<p>✓</p>
<p>Grade 7</p>	<p>112.19.a.4.E.iii</p> <p>All living organisms are made up of smaller units called cells. All cells use energy, get rid of wastes, and contain genetic material. Students will compare plant and animal cells and understand the internal structures within them that allow them to obtain energy, get rid of wastes, grow, and reproduce in different ways. Cells can organize into tissues, tissues into organs, and organs into organ systems. Students will learn the major functions of human body systems such as the ability of the integumentary system to protect against infection, injury, and ultraviolet (UV) radiation; regulate body temperature; and remove waste.</p>			<p>✓</p>

<p>Grade 7</p>	<p>112.19.b.3.A</p> <p>In all fields of science, analyze, evaluate, and critique scientific explanations by using empirical evidence, logical reasoning, and experimental and observational testing, including examining all sides of scientific evidence of those scientific explanations, so as to encourage critical thinking by the student</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
<p>Grade 7</p>	<p>112.19.b.8.C</p> <p>Model the effects of human activity on groundwater and surface water in a watershed.</p>	<p>✓</p>		
<p>Grade 7</p>	<p>112.19.b.12.B</p> <p>identify the main functions of the systems of the human organism, including the circulatory, respiratory, skeletal, muscular, digestive, excretory, reproductive, integumentary, nervous, and endocrine systems;</p>		<p>✓</p>	

<p>Grade 8</p>	<p>112.20 E. Organisms and Environments</p> <p>In studies of living systems, students explore the interdependence between these systems. Interactions between organisms in ecosystems, including producer/consumer, predator/prey, and parasite/host relationships, are investigated in aquatic and terrestrial systems. Students describe how biotic and abiotic factors affect the number of organisms and populations present in an ecosystem. In addition, students explore how organisms and their populations respond to short- and long-term environmental changes, including those caused by human activities.</p>	<p>✓</p>		<p>✓</p>
<p>Grade 8</p>	<p>112.20 b.3.A Scientific Investigation and Reasoning</p> <p>In all fields of science, analyze, evaluate, and critique scientific explanations by using empirical evidence, logical reasoning, and experimental and observational testing, including examining all sides of scientific evidence of those scientific explanations, so as to encourage critical thinking by the student;</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>

<p>Grade 8</p>	<p>112.20 b.11.A</p> <p>The student knows that interdependence occurs among living systems and the environment and that human activities can affect these systems. The student is expected to: investigate how organisms and populations in an ecosystem depend on and may compete for biotic factors such as food and abiotic factors such as quantity of light, water, range of temperatures, or soil composition;</p>	<p>✓</p>		
<p>Grade 8</p>	<p>112.20 b.11.B.</p> <p>Explore how short- and long-term environmental changes affect organisms and traits in subsequent populations.</p>	<p>✓</p>		
<p>Grade 8</p>	<p>112.20 b.11.C.</p> <p>Recognize human dependence on ocean systems and explain how human activities such as runoff, artificial reefs, or use of resources have modified these systems.</p>	<p>✓</p>		

Social Studies Grades 7-8		Environment and Modern Agriculture	Healthful Eating	Future of Food
Grade 7 Geography	113.19.b.10.A Identify ways in which Texans have adapted to and modified the environment and analyze the positive and negative consequences of the modifications.	✓		✓
Grade 7 Social Studies Skills	113.19.b.23.A use a problem-solving process to identify a problem, gather information, list and consider options, consider advantages and disadvantages, choose and implement a solution, and evaluate the effectiveness of the solution.	✓	✓	✓
Grade 7 Social Studies Skills	113.19.b.23.B use a decision-making process to identify a situation that requires a decision, gather information, identify options, predict consequences, and take action to implement a decision.	✓	✓	✓
Grade 8 Citizenship	113.20 b.19.C. Explain the importance of personal responsibilities, including accepting responsibility for one's behavior and supporting one's family.	✓	✓	✓

<p>Grade 8 Social Studies Skills</p>	<p>113.20 b.31.A.</p> <p>Use a problem-solving process to identify a problem, gather information, list and consider options, consider advantages and disadvantages, choose and implement a solution, and evaluate the effectiveness of the solution.</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>
<p>Grade 8 Social Studies Skills</p>	<p>113.20 b.31.B.</p> <p>Use a decision-making process to identify a situation that requires a decision, gather information, identify options, predict consequences, and take action to implement a decision.</p>	<p>✓</p>	<p>✓</p>	<p>✓</p>