

Main Criteria: Texas Essential Knowledge and Skills (TEKS)

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 7

Correlation Options: Show Correlated

Texas Essential Knowledge and Skills (TEKS)

Science

Grade: 7 - Adopted: 2010

TEKS	TX.112.19.	Science, Grade 7.
STUDENT EXPECTATION	7.3.	Scientific investigation and reasoning. The student uses critical thinking, scientific reasoning, and problem solving to make informed decisions and knows the contributions of relevant scientists. The student is expected to:
GRADE LEVEL EXPECTATION	7.3 (D)	<p>Relate the impact of research on scientific thought and society, including the history of science and contributions of scientists as related to the content.</p> <p><u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 The Amazon Rainforest - Part 2 - Older Grades</p>
TEKS	TX.112.19.	Science, Grade 7.
STUDENT EXPECTATION	7.5.	Matter and energy. The student knows that interactions occur between matter and energy. The student is expected to:
GRADE LEVEL EXPECTATION	7.5 (B)	<p>Demonstrate and explain the cycling of matter within living systems such as in the decay of biomass in a compost bin.</p> <p><u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades</p>
GRADE LEVEL EXPECTATION	7.5 (C)	<p>Diagram the flow of energy through living systems, including food chains, food webs, and energy pyramids.</p> <p><u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol</p>
TEKS	TX.112.19.	Science, Grade 7.
STUDENT EXPECTATION	7.8.	Earth and space. The student knows that natural events and human activity can impact Earth systems. The student is expected to:
GRADE LEVEL EXPECTATION	7.8 (A)	<p>Predict and describe how different types of catastrophic events impact ecosystems such as floods, hurricanes, or tornadoes.</p> <p><u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Wyoming, Utah</p>
GRADE LEVEL EXPECTATION	7.8 (B)	<p>Analyze the effects of weathering, erosion, and deposition on the environment in ecoregions of Texas.</p> <p><u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii</p>

		National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1
TEKS	TX.112.19.	Science, Grade 7.
STUDENT EXPECTATION	7.10.	Organisms and environments. The student knows that there is a relationship between organisms and the environment. The student is expected to:
GRADE LEVEL EXPECTATION	7.10 (A)	Observe and describe how different environments, including microhabitats in schoolyards and biomes, support different varieties of organisms. <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1 The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
GRADE LEVEL EXPECTATION	7.10 (B)	Describe how biodiversity contributes to the sustainability of an ecosystem. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) National Parks West - Nevada, California The Amazon Rainforest - Part 1 - Older Grades
GRADE LEVEL EXPECTATION	7.10 (C)	Observe, record, and describe the role of ecological succession such as in a microhabitat of a garden with weeds. <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
TEKS	TX.112.19.	Science, Grade 7.
STUDENT EXPECTATION	7.11.	Organisms and environments. The student knows that populations and species demonstrate variation and inherit many of their unique traits through gradual processes over many generations. The student is expected to:
GRADE LEVEL EXPECTATION	7.11 (B)	Explain variation within a population or species by comparing external features, behaviors, or physiology of organisms that enhance their survival such as migration, hibernation, or storage of food in a bulb. <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) National Parks - West - Alaska & Hawaii National Parks West - Nevada, California The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
GRADE LEVEL EXPECTATION	7.11 (C)	Identify some changes in genetic traits that have occurred over several generations through natural selection and selective breeding such as the Galapagos Medium Ground Finch (<i>Geospiza fortis</i>) or domestic animals. <u>Virtual Field Trips</u>

		Galapagos Islands Galapagos Islands - Espagnol
TEKS	TX.112.19.	Science, Grade 7.
STUDENT EXPECTATION	7.13.	Organisms and environments. The student knows that a living organism must be able to maintain balance in stable internal conditions in response to external and internal stimuli. The student is expected to:
GRADE LEVEL EXPECTATION	7.13 (A)	Investigate how organisms respond to external stimuli found in the environment such as phototropism and fight or flight. <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol National Parks - West - Alaska & Hawaii National Parks West - Nevada, California
GRADE LEVEL EXPECTATION	7.13 (B)	Describe and relate responses in organisms that may result from internal stimuli such as wilting in plants and fever or vomiting in animals that allow them to maintain balance. <u>Virtual Field Trips</u> African Safari Galapagos Islands Galapagos Islands - Espagnol National Parks West - Nevada, California

Texas Essential Knowledge and Skills (TEKS)

Social Studies

Grade: 7 - Adopted: 2010 (Amended 2011)

TEKS	TX.113.19.	Social Studies, Grade 7
STUDENT EXPECTATION	7.21.	Social studies skills. The student applies critical-thinking skills to organize and use information acquired through established research methodologies from a variety of valid sources, including electronic technology. The student is expected to:
GRADE LEVEL EXPECTATION	7.21.B.	Analyze information by sequencing, categorizing, identifying cause-and-effect relationships, comparing, contrasting, finding the main idea, summarizing, making generalizations and predictions, and drawing inferences and conclusions. <u>Virtual Field Trips</u> Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece - Birthplace of Democracy Ancient Mayan Civilization Rome - The Eternal City - Part 1 Rome - The Eternal City - Part 2
GRADE LEVEL EXPECTATION	7.21.D.	Identify points of view from the historical context surrounding an event and the frame of reference that influenced the participants. <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12

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