

Main Criteria: Texas Essential Knowledge and Skills (TEKS)

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 9

Correlation Options: Show Correlated

Texas Essential Knowledge and Skills (TEKS)

Science

Grade: 9 - Adopted: 2010

TEKS	TX.112.34.	Biology (One Credit).
STUDENT EXPECTATION	9-11.3.	Scientific processes. The student uses critical thinking, scientific reasoning, and problem solving to make informed decisions within and outside the classroom. The student is expected to:
GRADE LEVEL EXPECTATION	9-11.3 (D)	Evaluate the impact of scientific research on society and the environment. <u>Virtual Field Trips</u> 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
GRADE LEVEL EXPECTATION	9-11.3 (F)	Research and describe the history of biology and contributions of scientists. <u>Virtual Field Trips</u> 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
TEKS	TX.112.34.	Biology (One Credit).
STUDENT EXPECTATION	9-11.7.	Science concepts. The student knows evolutionary theory is a scientific explanation for the unity and diversity of life. The student is expected to:
GRADE LEVEL EXPECTATION	9-11.7 (A)	Analyze and evaluate how evidence of common ancestry among groups is provided by the fossil record, biogeography, and homologies, including anatomical, molecular, and developmental. <u>Virtual Field Trips</u> Galapagos Islands - Espagnol
GRADE LEVEL EXPECTATION	9-11.7 (D)	Analyze and evaluate how the elements of natural selection, including inherited variation, the potential of a population to produce more offspring than can survive, and a finite supply of environmental resources, result in differential reproductive success. <u>Virtual Field Trips</u> Galapagos Islands - Espagnol
GRADE LEVEL EXPECTATION	9-11.7 (E)	Analyze and evaluate the relationship of natural selection to adaptation and to the development of diversity in and among species. <u>Virtual Field Trips</u> Galapagos Islands - Espagnol
GRADE LEVEL EXPECTATION	9-11.7 (F)	Analyze and evaluate the effects of other evolutionary mechanisms, including genetic drift, gene flow, mutation, and recombination.

		<u>Virtual Field Trips</u> Galapagos Islands - Espagnol
TEKS	TX.112.34.	Biology (One Credit).
STUDENT EXPECTATION	9-11.8.	Science concepts. The student knows that taxonomy is a branching classification based on the shared characteristics of organisms and can change as new discoveries are made. The student is expected to:
GRADE LEVEL EXPECTATION	9-11.8 (B)	Categorize organisms using a hierarchical classification system based on similarities and differences shared among groups. <u>Virtual Field Trips</u> Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
GRADE LEVEL EXPECTATION	9-11.8 (C)	Compare characteristics of taxonomic groups, including archaea, bacteria, protists, fungi, plants, and animals. <u>Virtual Field Trips</u> Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
TEKS	TX.112.34.	Biology (One Credit).
STUDENT EXPECTATION	9-11.10.	Science concepts. The student knows that biological systems are composed of multiple levels. The student is expected to:
GRADE LEVEL EXPECTATION	9-11.10 (A)	Describe the interactions that occur among systems that perform the functions of regulation, nutrient absorption, reproduction, and defense from injury or illness in animals. <u>Virtual Field Trips</u> Galapagos Islands - Espagnol National Parks West - Nevada, California
GRADE LEVEL EXPECTATION	9-11.10 (B)	Describe the interactions that occur among systems that perform the functions of transport, reproduction, and response in plants. <u>Virtual Field Trips</u> National Parks West - Nevada, California
GRADE LEVEL EXPECTATION	9-11.10 (C)	Analyze the levels of organization in biological systems and relate the levels to each other and to the whole system. <u>Virtual Field Trips</u> 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
TEKS	TX.112.34.	Biology (One Credit).
STUDENT EXPECTATION	9-11.11.	Science concepts. The student knows that biological systems work to achieve and maintain balance. The student is expected to:
GRADE LEVEL EXPECTATION	9-11.11 (A)	Describe the role of internal feedback mechanisms in the maintenance of homeostasis. <u>Virtual Field Trips</u> Galapagos Islands - Espagnol National Parks West - Nevada, California
GRADE LEVEL EXPECTATION	9-11.11 (B)	Investigate and analyze how organisms, populations, and communities respond to external factors.

		<u>Virtual Field Trips</u> 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 The Amazon Rainforest - Part 1 - Older Grades
GRADE LEVEL EXPECTATION	9-11.11 (C)	Summarize the role of microorganisms in both maintaining and disrupting the health of both organisms and ecosystems. <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
GRADE LEVEL EXPECTATION	9-11.11 (D)	Describe how events and processes that occur during ecological succession can change populations and species diversity. <u>Virtual Field Trips</u> Galapagos Islands - Espagnol
TEKS	TX.112.34.	Biology (One Credit).
STUDENT EXPECTATION	9-11.12.	Science concepts. The student knows that interdependence and interactions occur within an environmental system. The student is expected to:
GRADE LEVEL EXPECTATION	9-11.12 (A)	Interpret relationships, including predation, parasitism, commensalism, mutualism, and competition among organisms. <u>Virtual Field Trips</u> Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
GRADE LEVEL EXPECTATION	9-11.12 (B)	Compare variations and adaptations of organisms in different ecosystems. <u>Virtual Field Trips</u> 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	9-11.12 (C)	Analyze the flow of matter and energy through trophic levels using various models, including food chains, food webs, and ecological pyramids. <u>Virtual Field Trips</u> Galapagos Islands - Espagnol
GRADE LEVEL EXPECTATION	9-11.12 (F)	Describe how environmental change can impact ecosystem stability. <u>Virtual Field Trips</u> 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
TEKS	TX.112.38.	Integrated Physics and Chemistry (One Credit).

STUDENT EXPECTATION	9-10.4.	Science concepts. The student knows concepts of force and motion evident in everyday life. The student is expected to:
GRADE LEVEL EXPECTATION	9-10.4 (A)	Describe and calculate an object's motion in terms of position, displacement, speed, and acceleration. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii
TEKS	TX.112.39.	Physics (One Credit).
STUDENT EXPECTATION	9-12.4.	Science concepts. The student knows and applies the laws governing motion in a variety of situations. The student is expected to:
GRADE LEVEL EXPECTATION	9-12.4 (B)	Describe and analyze motion in one dimension using equations with the concepts of distance, displacement, speed, average velocity, instantaneous velocity, and acceleration. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii

Texas Essential Knowledge and Skills (TEKS)

Social Studies

Grade: 9 - Adopted: 2010 (Amended 2011)

TEKS	TX.113.41.	United States History Studies Since 1877 (One Credit)
STUDENT EXPECTATION	HS.1.	History. The student understands the principles included in the Celebrate Freedom Week program. The student is expected to:
GRADE LEVEL EXPECTATION	HS.1.B.	Analyze and evaluate the application of these founding principles to historical events in U.S. history. <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
TEKS	TX.113.41.	United States History Studies Since 1877 (One Credit)
STUDENT EXPECTATION	HS.14.	Geography. The student understands the relationship between population growth and modernization on the physical environment. The student is expected to:
GRADE LEVEL EXPECTATION	HS.14.B.	Identify the roles of governmental entities and private citizens in managing the environment such as the establishment of the National Park System, the Environmental Protection Agency (EPA), and the Endangered Species Act. <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii National Parks West - Nevada, California National Parks West - Wyoming, Utah National Parks of the Western Region - Part 1
TEKS	TX.113.41.	United States History Studies Since 1877 (One Credit)
STUDENT EXPECTATION	HS.26.	Culture. The student understands how people from various groups contribute to our national identity. The student is expected to:
GRADE LEVEL EXPECTATION	HS.26.A.	Explain actions taken by people to expand economic opportunities and political rights, including those for racial, ethnic, and religious minorities as well as women, in American society. <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
GRADE LEVEL EXPECTATION	HS.26.C.	Explain how the contributions of people of various racial, ethnic, gender, and religious groups shape American culture. <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12

GRADE LEVEL EXPECTATION	HS.26.E.	Discuss the meaning and historical significance of the mottos "E Pluribus Unum" and "In God We Trust". <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
TEKS	TX.113.42.	World History Studies (One Credit)
STUDENT EXPECTATION	HS.1.	History. The student understands traditional historical points of reference in world history. The student is expected to:
GRADE LEVEL EXPECTATION	HS.1.B.	Identify major causes and describe the major effects of the following events from 500 BC to AD 600: the development of the classical civilizations of Greece, Rome, Persia, India (Maurya and Gupta), China (Zhou, Qin, and Han), and the development of major world religions. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades)
TEKS	TX.113.42.	World History Studies (One Credit)
STUDENT EXPECTATION	HS.3.	History. The student understands the contributions and influence of classical civilizations from 500 BC to AD 600 on subsequent civilizations. The student is expected to:
GRADE LEVEL EXPECTATION	HS.3.A.	Describe the major political, religious/philosophical, and cultural influences of Persia, India, China, Israel, Greece, and Rome, including the development of monotheism, Judaism, and Christianity. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades)
TEKS	TX.113.42.	World History Studies (One Credit)
STUDENT EXPECTATION	HS.9.	History. The student understands the causes and effects of major political revolutions between 1750 and 1914. The student is expected to:
GRADE LEVEL EXPECTATION	HS.9.D.	Identify the influence of ideas such as separation of powers, checks and balances, liberty, equality, democracy, popular sovereignty, human rights, constitutionalism, and nationalism on political revolutions. <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
TEKS	TX.113.42.	World History Studies (One Credit)
STUDENT EXPECTATION	HS.16.	Geography. The student understands the impact of geographic factors on major historic events and processes. The student is expected to:
GRADE LEVEL EXPECTATION	HS.16.A.	Locate places and regions of historical significance directly related to major eras and turning points in world history. <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
GRADE LEVEL EXPECTATION	HS.16.C.	Interpret maps, charts, and graphs to explain how geography has influenced people and events in the past. <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
TEKS	TX.113.42.	World History Studies (One Credit)
STUDENT EXPECTATION	HS.23.	Culture. The student understands the history and relevance of major religious and philosophical traditions. The student is expected to:

GRADE LEVEL EXPECTATION	HS.23.A.	Describe the historical origins, central ideas, and spread of major religious and philosophical traditions, including Buddhism, Christianity, Confucianism, Hinduism, Islam, Judaism, Sikhism, and the development of monotheism. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades)
GRADE LEVEL EXPECTATION	HS.23.B.	Identify examples of religious influence on various events referenced in the major eras of world history. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades)
TEKS	TX.113.42.	World History Studies (One Credit)
STUDENT EXPECTATION	HS.26.	Culture. The student understands the relationship between the arts and the times during which they were created. The student is expected to:
GRADE LEVEL EXPECTATION	HS.26.A.	Identify significant examples of art and architecture that demonstrate an artistic ideal or visual principle from selected cultures. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
GRADE LEVEL EXPECTATION	HS.26.B.	Analyze examples of how art, architecture, literature, music, and drama reflect the history of the cultures in which they are produced. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
TEKS	TX.113.43.	World Geography Studies (One Credit)
STUDENT EXPECTATION	HS.2.	History. The student understands how people, places, and environments have changed over time and the effects of these changes. The student is expected to:
GRADE LEVEL EXPECTATION	HS.2.A.	Describe the human and physical characteristics of the same regions at different periods of time to evaluate relationships between past events and current conditions. <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
TEKS	TX.113.43.	World Geography Studies (One Credit)
STUDENT EXPECTATION	HS.3.	Geography. The student understands how physical processes shape patterns in the physical environment. The student is expected to:
GRADE LEVEL EXPECTATION	HS.3.A.	Explain weather conditions and climate in relation to annual changes in Earth-Sun relationships. <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
TEKS	TX.113.43.	World Geography Studies (One Credit)
STUDENT EXPECTATION	HS.4.	Geography. The student understands the patterns and characteristics of major landforms, climates, and ecosystems of Earth and the interrelated processes that produce them. The student is expected to:
GRADE LEVEL EXPECTATION	HS.4.A.	Explain how elevation, latitude, wind systems, ocean currents, position on a continent, and mountain barriers influence temperature, precipitation, and distribution of climate regions. <u>Virtual Field Trips</u>

		La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
GRADE LEVEL EXPECTATION	HS.4.C.	Explain the influence of climate on the distribution of biomes in different regions. <u>Virtual Field Trips</u> La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
TEKS	TX.113.43.	World Geography Studies (One Credit)
STUDENT EXPECTATION	HS.5.	Geography. The student understands how political, economic, and social processes shape cultural patterns and characteristics in various places and regions. The student is expected to:
GRADE LEVEL EXPECTATION	HS.5.A.	Analyze how the character of a place is related to its political, economic, social, and cultural elements. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
TEKS	TX.113.43.	World Geography Studies (One Credit)
STUDENT EXPECTATION	HS.9.	Geography. The student understands the concept of region as an area of Earth's surface with related geographic characteristics. The student is expected to:
GRADE LEVEL EXPECTATION	HS.9.A.	Identify physical and/or human factors such as climate, vegetation, language, trade networks, political units, river systems, and religion that constitute a region. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades) La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
GRADE LEVEL EXPECTATION	HS.9.B.	Describe different types of regions, including formal, functional, and perceptual regions. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
TEKS	TX.113.43.	World Geography Studies (One Credit)
STUDENT EXPECTATION	HS.16.	Culture. The student understands how the components of culture affect the way people live and shape the characteristics of regions. The student is expected to:
GRADE LEVEL EXPECTATION	HS.16.A.	Describe distinctive cultural patterns and landscapes associated with different places in Texas, the United States, and other regions of the world and how these patterns influenced the processes of innovation and diffusion. <u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades
GRADE LEVEL EXPECTATION	HS.16.B.	Describe elements of culture, including language, religion, beliefs and customs, institutions, and technologies. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades) La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
GRADE LEVEL EXPECTATION	HS.16.D.	Compare life in a variety of urban and rural areas in the world to evaluate political, economic, social, and environmental changes. <u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol

		Paris - City of Light - Grades 6 - 12 Paris - La Ville Lumiere (En Francais) The Amazon Rainforest - Part 2 - Older Grades
TEKS	TX.113.43.	World Geography Studies (One Credit)
STUDENT EXPECTATION	HS.17.	Culture. The student understands the distribution, patterns, and characteristics of different cultures. The student is expected to:
GRADE LEVEL EXPECTATION	HS.17.A.	Describe and compare patterns of culture such as language, religion, land use, education, and customs that make specific regions of the world distinctive. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades) La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades The Amazon Rainforest - Part 2 - Older Grades
GRADE LEVEL EXPECTATION	HS.17.B.	Describe major world religions, including animism, Buddhism, Christianity, Hinduism, Islam, Judaism, and Sikhism, and their spatial distribution. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Older Grades)
GRADE LEVEL EXPECTATION	HS.17.D.	Evaluate the experiences and contributions of diverse groups to multicultural societies. <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
TEKS	TX.113.44.	United States Government (One-Half Credit)
STUDENT EXPECTATION	HS.7.	Government. The student understands the American beliefs and principles reflected in the U.S. Constitution and why these are significant. The student is expected to:
GRADE LEVEL EXPECTATION	HS.7.D.	Evaluate constitutional provisions for limiting the role of government, including republicanism, checks and balances, federalism, separation of powers, popular sovereignty, and individual rights. <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
TEKS	TX.113.44.	United States Government (One-Half Credit)
STUDENT EXPECTATION	HS.8.	Government. The student understands the structure and functions of the government created by the U.S. Constitution. The student is expected to:
GRADE LEVEL EXPECTATION	HS.8.E.	Explain how certain provisions of the U.S. Constitution provide for checks and balances among the three branches of government. <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12
TEKS	TX.113.44.	United States Government (One-Half Credit)
STUDENT EXPECTATION	HS.20.	Social studies skills. The student applies critical-thinking skills to organize and use information acquired from a variety of valid sources, including electronic technology. The student is expected to:
GRADE LEVEL EXPECTATION	HS.20.A.	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> Washington, DC - Grades 6 - 12

TEKS	TX.113.46.	Sociology (One-Half Credit)
STUDENT EXPECTATION	HS.3.	Culture and social structure. The student examines world cultures. The student is expected to:
GRADE LEVEL EXPECTATION	HS.3.B.	<p>Explain how the elements of culture form a whole culture.</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>
TEKS	TX.113.47.	Special Topics in Social Studies (One-Half Credit)
STUDENT EXPECTATION	HS.1.	Social studies skills. The student uses problem-solving and decision-making skills, working independently and with others, in a variety of settings. The student is expected to:
GRADE LEVEL EXPECTATION	HS.1.B.	<p>Evaluate effects of major political, economic, and social conditions on a selected social studies topic.</p> <p><u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades</p>
GRADE LEVEL EXPECTATION	HS.1.C.	<p>Appraise a geographic perspective that considers physical and cultural processes as they affect the selected topic.</p> <p><u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades</p>
GRADE LEVEL EXPECTATION	HS.1.D.	<p>Examine the role of diverse communities in the context of the selected topic.</p> <p><u>Virtual Field Trips</u> The Amazon Rainforest - Part 2 - Older Grades</p>
TEKS	TX.118.4.	Economics with Emphasis on the Free Enterprise System and Its Benefits, High School (One-Half Credit)
STUDENT EXPECTATION	HS.6.	Economics. The student understands the basic characteristics and benefits of a free enterprise system. The student is expected to:
GRADE LEVEL EXPECTATION	HS.6.D.	<p>Analyze the costs and benefits of U.S. economic policies related to the economic goals of economic growth, stability, full employment, freedom, security, equity (equal opportunity versus equal outcome), and efficiency.</p> <p><u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol Paris - City of Light - Grades 6 - 12 Paris - La Ville Lumiere (En Francais)</p>
TEKS	TX.118.4.	Economics with Emphasis on the Free Enterprise System and Its Benefits, High School (One-Half Credit)
STUDENT EXPECTATION	HS.12.	Economics. The student understands the role of money in an economy. The student is expected to:
GRADE LEVEL EXPECTATION	HS.12.A.	<p>Describe the functions of money.</p> <p><u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol</p>
GRADE LEVEL EXPECTATION	HS.12.B.	<p>Describe the characteristics of money, including commodity money, fiat money, and representative money.</p> <p><u>Virtual Field Trips</u> Barcelona - English Barcelona - Espagnol</p>
GRADE LEVEL EXPECTATION	HS.12.C.	<p>Examine the positive and negative aspects of barter, currency, credit cards, and debit cards.</p>

