

Main Criteria: Texas Essential Knowledge and Skills (TEKS)

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 4

Correlation Options: Show Correlated

Texas Essential Knowledge and Skills (TEKS)

Science

Grade: 4 - Adopted: 2021

TEKS	112.6.	Science, Grade 4, Adopted 2021
STUDENT EXPECTATION	112.6.b.	Knowledge and Skills
GRADE LEVEL EXPECTATION	112.6.b.4.	Scientific and engineering practices. The student knows the contributions of scientists and recognizes the importance of scientific research and innovation for society. The student is expected to:

INDICATOR 112.6.b.4. explain how scientific discoveries and innovative solutions to problems impact science and society; and A.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 2-5

Ancient China - Qin & Han Dynasties

Ancient China - Shang & Zhou Dynasties

Grade 3 - Geography of Our Communities

Grade 4 - Midwest Region Early Beginnings

Grade 4 - Midwest Region Today

Grade 4 - Northeast

Grade 4 - Southwest Region Today

Grade 4 - West Region Early Beginnings

Grade 4 - West Region Today

TEKS	112.6.	Science, Grade 4, Adopted 2021
STUDENT EXPECTATION	112.6.b.	Knowledge and Skills
GRADE LEVEL EXPECTATION	112.6.b.5.	Recurring themes and concepts. The student understands that recurring themes and concepts provide a framework for making connections across disciplines. The student is expected to:

INDICATOR 112.6.b.5. identify and use patterns to explain scientific phenomena or to design solutions; A.

Virtual Field Trips

Who Lives On a Coral Reef?

INDICATOR 112.6.b.5 identify and investigate cause-and-effect relationships to explain scientific phenomena or analyze problems; B.

Virtual Field Trips

How Coral Reefs Are Formed

Who Lives On a Coral Reef?

INDICATOR 112.6.b.5 use scale, proportion, and quantity to describe, compare, or model different systems; C.

Virtual Field Trips

Amazon Rainforest - Grades 2-5

INDICATOR 112.6.b.5 investigate how energy flows and matter cycles through systems and how matter is conserved; E.

Virtual Field Trips

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 2-5

INDICATOR	112.6.b.5 .F.	explain the relationship between the structure and function of objects, organisms, and systems; and Virtual Field Trips African Safari Amazon Rainforest - Grades 2-5 Canada: Coast to Coast Galapagos Islands Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Geography How Coral Reefs Are Formed The Sahara Desert Who Lives On a Coral Reef?
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INDICATOR	112.6.b.5 .G.	explain how factors or conditions impact stability and change in objects, organisms, and systems. Virtual Field Trips Galapagos Islands How Coral Reefs Are Formed Who Lives On a Coral Reef?
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TEKS	112.6.	Science, Grade 4, Adopted 2021
STUDENT EXPECTATION	112.6.b.	Knowledge and Skills
GRADE LEVEL EXPECTATION	112.6.b.9.	Earth and space. The student recognizes patterns among the Sun, Earth, and Moon system and their effects. The student is expected to:

INDICATOR	112.6.b.9. A.	collect and analyze data to identify sequences and predict patterns of change in seasons such as change in temperature and length of daylight; and Virtual Field Trips African Safari Canada: Coast to Coast Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - West Region Geography National Parks - Alaska & Hawaii National Parks - Nevada, California
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TEKS	112.6.	Science, Grade 4, Adopted 2021
STUDENT EXPECTATION	112.6.b.	Knowledge and Skills
GRADE LEVEL EXPECTATION	112.6.b.10.	Earth and space. The student knows that there are processes on Earth that create patterns of change. The student is expected to:

INDICATOR	112.6.b.10.B.	model and describe slow changes to Earth's surface caused by weathering, erosion, and deposition from water, wind, and ice; and Virtual Field Trips Galapagos Islands Grade 3 - Geography of Our Communities Grade 4 - Midwest Region Today Grade 4 - Southwest Region Early Beginnings National Parks - Alaska & Hawaii National Parks - Washington, Oregon, Idaho, Montana, Colorado National Parks - Wyoming, Utah
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INDICATOR	112.6.b.1 0.C.	differentiate between weather and climate. <u>Virtual Field Trips</u> Amazon Rainforest - Grades 2-5 Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Midwest Region Early Beginnings Grade 4 - Northeast Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Geography National Parks - Nevada, California The Sahara Desert
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TEKS	112.6.	Science, Grade 4, Adopted 2021
STUDENT EXPECTATION	112.6.b.	Knowledge and Skills
GRADE LEVEL EXPECTATION	112.6.b.11.	Earth and space. The student understands how natural resources are important and can be managed. The student is expected to:

INDICATOR	112.6.b.1 1.A.	identify and explain advantages and disadvantages of using Earth's renewable and nonrenewable natural resources such as wind, water, sunlight, plants, animals, coal, oil, and natural gas; <u>Virtual Field Trips</u> Amazon Rainforest - People and Threats - Grades 2-5 Grade 4 - Southwest Region Today
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TEKS	112.6.	Science, Grade 4, Adopted 2021
STUDENT EXPECTATION	112.6.b.	Knowledge and Skills
GRADE LEVEL EXPECTATION	112.6.b.12.	Organisms and environments. The student describes patterns, cycles, systems, and relationships within environments. The student is expected to:

INDICATOR	112.6.b.1 2.B.	describe the cycling of matter and flow of energy through food webs, including the roles of the Sun, producers, consumers, and decomposers; and <u>Virtual Field Trips</u> Galapagos Islands Who Lives On a Coral Reef?
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TEKS	112.6.	Science, Grade 4, Adopted 2021
STUDENT EXPECTATION	112.6.b.	Knowledge and Skills
GRADE LEVEL EXPECTATION	112.6.b.13.	Organisms and environments. The student knows that organisms undergo similar life processes and have structures that function to help them survive within their environments. The student is expected to:

INDICATOR	112.6.b.1 3.A.	explore and explain how structures and functions of plants such as waxy leaves and deep roots enable them to survive in their environment; and <u>Virtual Field Trips</u> Amazon Rainforest - Grades 2-5 Galapagos Islands Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Geography National Parks - Alaska & Hawaii National Parks - Nevada, California The Sahara Desert
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Social Studies
Grade: 4 - Adopted: 2022

TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .2.	History. The student understands the causes and effects of European exploration and colonization of Texas. The student is expected to:

INDICATOR 113.15.c. 2.A. summarize motivations for European exploration and settlement of Texas, including economic opportunity, competition, and the desire for expansion;

Virtual Field Trips

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Early Beginnings

INDICATOR 113.15.c. 2.B. identify the accomplishments and explain the impact of significant explorers, including Cabeza de Vaca; Francisco Coronado; and René Robert Cavelier, Sieur de la Salle, on the settlement of Texas;

Virtual Field Trips

Grade 4 - Southwest Region Early Beginnings

Grade 4 - West Region Early Beginnings

INDICATOR 113.15.c. 2.C. explain when, where, and why the Spanish established settlements and Catholic missions in Texas as well as important individuals;

Virtual Field Trips

Grade 4 - West Region Early Beginnings

TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .3.	History. The student understands the importance of the Texas Revolution, the Republic of Texas, and the annexation of Texas to the United States. The student is expected to:

INDICATOR 113.15.c. 3.A. analyze the causes, major events, and effects of the Texas Revolution, including the Battle of the Alamo, the Texas Declaration of Independence, the Runaway Scrape, and the Battle of San Jacinto;

Virtual Field Trips

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today

INDICATOR 113.15.c. 3.B. summarize the significant contributions of individuals such as William B. Travis, James Bowie, David Crockett, Juan N. Seguín, Plácido Benavides, José Francisco Ruiz, Antonio López de Santa Anna, Susanna Dickinson, and Enrique Esparza;

Virtual Field Trips

Grade 4 - Southwest Region Early Beginnings

INDICATOR 113.15.c. 3.C. identify leaders important to the founding of Texas as a republic and state, including José Antonio Navarro, Sam Houston, Mirabeau Lamar, and Anson Jones;

Virtual Field Trips

Grade 4 - Southwest Region Early Beginnings

INDICATOR	113.15.c. 3.D.	describe the successes, problems, and organizations of the Republic of Texas such as the establishment of a constitution, economic struggles, relations with American Indians, and the Texas Rangers; and <u>Virtual Field Trips</u> Grade 4 - Southwest Region Early Beginnings
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INDICATOR	113.15.c. 3.E.	explain the events that led to the annexation of Texas to the United States and the impact of the U.S.-Mexican War. <u>Virtual Field Trips</u> Grade 4 - Southwest Region Early Beginnings
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TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .4.	History. The student understands the political, economic, and social changes in Texas during the last half of the 19th century. The student is expected to:

INDICATOR	113.15.c. 4.B.	explain the growth, development, and impact of the cattle industry such as contributions made by Charles Goodnight, Richard King, and Lizzie Johnson; <u>Virtual Field Trips</u> Grade 4 - Southwest Region Early Beginnings
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TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .6.	Geography. The student understands the concept of regions. The student is expected to:

INDICATOR	113.15.c. 6.A.	identify, locate, and describe the physical regions of Texas (Mountains and Basins, Great Plains, North Central Plains, Coastal Plains), including their characteristics such as landforms, climate, vegetation, and economic activities; and <u>Virtual Field Trips</u> Grade 4 - Southwest Region Today
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INDICATOR	113.15.c. 6.B.	compare the physical regions of Texas (Mountains and Basins, Great Plains, North Central Plains, Coastal Plains). <u>Virtual Field Trips</u> Grade 4 - Southwest Region Today
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TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .7.	Geography. The student understands the location and patterns of settlement and the geographic factors that influence where people live. The student is expected to:

INDICATOR	113.15.c. 7.A.	explain the geographic factors such as landforms and climate that influence patterns of settlement and the distribution of population in Texas, past and present; and <u>Virtual Field Trips</u> Grade 4 - Southwest Region Today
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INDICATOR	113.15.c. 7.B.	identify and explain patterns of settlement such as the location of towns and cities in Texas at different time periods.
Virtual Field Trips Grade 4 - Southwest Region Today		

TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .8.	Geography. The student understands how people adapt to and modify their environment. The student is expected to:

INDICATOR	113.15.c. 8.A.	describe ways people have adapted to and modified their environment in Texas, past and present, such as timber clearing, agricultural production, wetlands drainage, energy production, and construction of dams;
Virtual Field Trips Grade 4 - Southwest Region Today		

INDICATOR	113.15.c. 8.B.	explain reasons why people have adapted to and modified their environment in Texas, past and present, such as the use of natural resources to meet basic needs, facilitate transportation, and enhance recreational activities; and
Virtual Field Trips Grade 4 - Southwest Region Today		

TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .9.	Economics. The student understands the basic economic activities of early societies in Texas. The student is expected to:

INDICATOR	113.15.c. 9.A.	explain the economic activities various early American Indian groups in Texas used to meet their needs and wants such as farming, trading, and hunting; and
Virtual Field Trips Grade 3 - The First Americans Grade 4 - West Region Early Beginnings		

TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .11.	Economics. The student understands patterns of work and economic activities in Texas. The student is expected to:

INDICATOR	113.15.c. 11.C.	identify the effects of exploration, immigration, migration, and limited resources on the economic development and growth of Texas; and
Virtual Field Trips Grade 4 - Southwest Region Early Beginnings Grade 4 - Southwest Region Today		

TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.

GRADE LEVEL EXPECTATION	113.15.c .12.	Government. The student understands how people organized governments in different ways during the early development of Texas. The student is expected to:
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INDICATOR 113.15.c. compare characteristics of the Spanish colonial government and the early Mexican governments in Texas.
12.B.

Virtual Field Trips

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today

TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .13.	Government. The student understands important ideas in historical documents of Texas and the United States. The student is expected to:

INDICATOR 113.15.c. identify and explain the basic functions of the three branches of government according to the Texas
13.B. Constitution; and

Virtual Field Trips

Grade 3 - How Government Helps Our Communities

INDICATOR 113.15.c. identify the intent, meaning, and importance of the Declaration of Independence, the U.S. Constitution, and the
13.C. Bill of Rights (Celebrate Freedom Week).

Virtual Field Trips

Grade 3 - How Government Helps Our Communities

Grade 3 - The First Americans

Grade 4 - Northeast

TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .14.	Citizenship. The student understands important customs, symbols, and celebrations of Texas. The student is expected to:

INDICATOR 113.15.c. explain the meaning of various patriotic symbols and landmarks of Texas, including the six flags that flew over
14.A. Texas, the Alamo, and the San Jacinto Monument;

Virtual Field Trips

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today

INDICATOR 113.15.c. describe the origins and significance of state celebrations such as Texas Independence Day and Juneteenth.
14.D.

Virtual Field Trips

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today

TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .15.	Citizenship. The student understands the importance of active individual participation in the democratic process. The student is expected to:

INDICATOR	113.15.c. 15.D.	identify the importance of historical figures and important individuals who modeled active participation in the democratic process such as Sam Houston, Barbara Jordan, Lorenzo de Zavala, Ann Richards, Henry B. González, Wallace Jefferson, and other local individuals; Virtual Field Trips Grade 4 - Southwest Region Early Beginnings
TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .16.	Citizenship. The student understands the importance of effective leadership in a constitutional republic. The student is expected to:
INDICATOR	113.15.c. 16.A.	identify leaders in state, local, and national governments, including the governor, local members of the Texas Legislature, the local mayor, U.S. senators, local U.S. representatives, and Texans who have been president of the United States; and Virtual Field Trips Grade 3 - How Government Helps Our Communities
INDICATOR	113.15.c. 16.B.	identify leadership qualities of state and local leaders, past and present. Virtual Field Trips Grade 3 - How Government Helps Our Communities Grade 4 - Southwest Region Early Beginnings
TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .19.	Social studies skills. The student applies critical-thinking skills to organize and use information acquired from a variety of valid sources, including technology. The student is expected to:
INDICATOR	113.15.c. 19.C.	analyze information by applying absolute and relative chronology through sequencing, categorizing, identifying cause-and-effect relationships, comparing, contrasting, finding the main idea, summarizing, making generalizations and predictions, and drawing inferences and conclusions; Virtual Field Trips Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor Grade 3 - How The Country Was Settled Grade 3 - The First Americans Grade 4 - Midwest Region Early Beginnings Grade 4 - Midwest Region Today Grade 4 - Northeast Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Early Beginnings Grade 4 - West Region Today Rome - The Eternal City

INDICATOR	113.15.c. 19.D.	organize and interpret information in outlines, reports, databases, and visuals, including graphs, charts, timelines, and maps; <u>Virtual Field Trips</u> Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Northeast The Sahara Desert
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INDICATOR	113.15.c. 19.E.	identify different points of view about an issue, topic, historical event, or current event; <u>Virtual Field Trips</u> Ancient China - Qin & Han Dynasties Ancient China - Shang & Zhou Dynasties Ancient Egypt - Land of the Pharaohs Ancient Egypt - Land of the Pyramids Ancient Greece Ancient Mayan Civilization Ancient Rome Canada: Coast to Coast Canada: Our Northern Neighbor Grade 3 - How The Country Was Settled Grade 3 - The First Americans Grade 4 - Midwest Region Early Beginnings Grade 4 - Midwest Region Today Grade 4 - Northeast Grade 4 - Southwest Region Early Beginnings Grade 4 - West Region Early Beginnings Grade 4 - West Region Geography Grade 4 - West Region Today Rome - The Eternal City
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TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .20.	Social studies skills. The student uses geographic tools to collect, analyze, and interpret data. The student is expected to:

INDICATOR	113.15.c. 20.A.	apply mapping elements, including grid systems, legends, symbols, scales, and compass roses, to create and interpret maps; and <u>Virtual Field Trips</u> Canada: Coast to Coast Canada: Our Northern Neighbor Grade 3 - Geography of Our Communities Grade 4 - Northeast The Sahara Desert
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INDICATOR	113.15.c. 20.B.	interpret geographic data, population distribution, and natural resources into a variety of formats such as graphs and maps. <u>Virtual Field Trips</u> Grade 3 - Geography of Our Communities
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TEKS	113.15.	Social Studies, Grade 4, Adopted 2022.
STUDENT EXPECTATION	113.15.c .	Knowledge and skills.
GRADE LEVEL EXPECTATION	113.15.c .21.	Social studies skills. The student communicates in written, oral, and visual forms. The student is expected to:

INDICATOR	113.15.c. 21.A.	use social studies terminology correctly; Virtual Field Trips Ancient China - Qin & Han Dynasties Canada: Coast to Coast Canada: Our Northern Neighbor Grade 4 - Northeast The Sahara Desert
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