

**Main Criteria:** Texas Essential Knowledge and Skills (TEKS)

**Secondary Criteria:** Virtual Field Trips

**Subjects:** Science, Social Studies

**Grade:** 8

**Correlation Options:** Show Correlated

**Texas Essential Knowledge and Skills (TEKS)**

**Science**

Grade: 8 - Adopted: 2010

<b>TEKS</b>	<b>TX.112.20.</b>	<b>Science, Grade 8.</b>
<b>STUDENT EXPECTATION</b>	<b>8.3.</b>	<b>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:</b>
<b>GRADE LEVEL EXPECTATION</b>	<b>8.3 (D)</b>	Relate the impact of research on scientific thought and society, including the history of science and contributions of scientists as related to the content.  <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
<b>TEKS</b>	<b>TX.112.20.</b>	<b>Science, Grade 8.</b>
<b>STUDENT EXPECTATION</b>	<b>8.6.</b>	<b>Force, motion, and energy. The student knows that there is a relationship between force, motion, and energy. The student is expected to:</b>
<b>GRADE LEVEL EXPECTATION</b>	<b>8.6 (A)</b>	Demonstrate and calculate how unbalanced forces change the speed or direction of an object's motion.  <u>Virtual Field Trips</u> National Parks - West - Alaska & Hawaii
<b>TEKS</b>	<b>TX.112.20.</b>	<b>Science, Grade 8.</b>
<b>STUDENT EXPECTATION</b>	<b>8.9.</b>	<b>Earth and space. The student knows that natural events can impact Earth systems. The student is expected to:</b>
<b>GRADE LEVEL EXPECTATION</b>	<b>8.9 (A)</b>	Describe the historical development of evidence that supports plate tectonic theory.  <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
<b>GRADE LEVEL EXPECTATION</b>	<b>8.9 (B)</b>	Relate plate tectonics to the formation of crustal features.  <u>Virtual Field Trips</u> National Parks West - Nevada, California National Parks West - Wyoming, Utah
<b>GRADE LEVEL EXPECTATION</b>	<b>8.9 (C)</b>	Interpret topographic maps and satellite views to identify land and erosional features and predict how these features may be reshaped by weathering.  <u>Virtual Field Trips</u> National Parks West - Wyoming, Utah
<b>TEKS</b>	<b>TX.112.20.</b>	<b>Science, Grade 8.</b>

STUDENT EXPECTATION	8.10.	Earth and space. The student knows that climatic interactions exist among Earth, ocean, and weather systems. The student is expected to:
GRADE LEVEL EXPECTATION	8.10 (A)	Recognize that the Sun provides the energy that drives convection within the atmosphere and oceans, producing winds and ocean currents.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol
TEKS	TX.112.20.	Science, Grade 8.
STUDENT EXPECTATION	8.11.	Organisms and environments. 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:
GRADE LEVEL EXPECTATION	8.11 (A)	Describe producer/consumer, predator/prey, and parasite/host relationships as they occur in food webs within marine, freshwater, and terrestrial ecosystems.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol La Selva Amazonica - Pte 1 (En Espagnol) The Amazon Rainforest - Part 1 - Older Grades
GRADE LEVEL EXPECTATION	8.11 (C)	Explore how short- and long-term environmental changes affect organisms and traits in subsequent populations.  <u>Virtual Field Trips</u> 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
GRADE LEVEL EXPECTATION	8.11 (D)	Recognize human dependence on ocean systems and explain how human activities such as runoff, artificial reefs, or use of resources have modified these systems.  <u>Virtual Field Trips</u> Galapagos Islands Galapagos Islands - Espagnol

### Texas Essential Knowledge and Skills (TEKS)

#### Social Studies

Grade: 8 - Adopted: 2010 (Amended 2011)

TEKS	TX.113.20.	Social Studies, Grade 8
STUDENT EXPECTATION	8.15.	Government. The student understands the American beliefs and principles reflected in the Declaration of Independence, the U.S. Constitution, and other important historic documents. The student is expected to:
GRADE LEVEL EXPECTATION	8.15.D.	Analyze how the U.S. Constitution reflects the principles of limited government, 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.113.20.	Social Studies, Grade 8
STUDENT EXPECTATION	8.29.	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	8.29.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	8.29.D.	Identify points of view from the historical context surrounding an event and the frame of reference which influenced the participants.  <u>Virtual Field Trips</u> Washington, DC - Grades 6 - 12

© 2018 EdGate Correlation Services, LLC. All Rights reserved.  
[Contact Us](#) - [Privacy](#) - [Service Agreement](#)