Main Crit eria: California Content Standards Secondary Criteria: Virtual Field Trips Subjects: Science, Social Studies Grade: 4 Correlation Options: Show Correlated

California Content Standards Science

Grade: 4 - Adopted: 2013

CONTENT STANDARD / DOMAIN / PART	CA.4-PS.	PHYSICAL SCIENCE
PERFORMANC E STANDARD / MODE	4-PS4.	Waves and their Applications in Technologies for Information Transfer
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:

FOUNDATION /

4-PS4-3. Generate and compare multiple solutions that use patterns to transfer information.

PROFICIENCY LEVEL

Virtual Field Trips

Grade 3 - Geography of Our Communities

CONTENT STANDARD / DOMAIN / PART	CA.4-LS.	LIFE SCIENCE
PERFORMANC E STANDARD / MODE	4-LS1.	From Molecules to Organisms: Structures and Processes
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:

PROFICIENCY LEVEL

FOUNDATION / 4-LS1-1. Construct an argument that plants and animals have internal and external structures that function to support survival, growth, behavior, and reproduction.

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?

PROFICIENCY LEVEL

FOUNDATION / 4-LS1-2. Use a model to describe that animals receive different types of information through their senses, process the information in their brain, and respond to the information in different ways.

Virtual Field Trips

Grade 4 - West Region Geography Who Lives On a Coral Reef?

CONTENT STANDARD / DOMAIN / PART	CA.4- ESS.	EARTH AND SPACE SCIENCE
PERFORMANC E STANDARD / MODE	4-ESS2.	Earth's Systems
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:

PROFICIENCY

LEVEL

1.

FOUNDATION / 4-ESS2- Make observations and/or measurements to provide evidence of the effects of weathering or the rate of erosion by water, ice, wind, or vegetation.

Virtual Field Trips

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

CONTENT STANDARD / DOMAIN / PART	CA.4- ESS.	EARTH AND SPACE SCIENCE
PERFORMANC E STANDARD / MODE	4-ESS3.	Earth and Human Activity
EXPECTATION / SUBSTRAND		Students who demonstrate understanding can:

PROFICIENCY **LEVEL**

FOUNDATION / 4-ESS3- Obtain and combine information to describe that energy and fuels are derived from natural resources and their uses affect the environment.

Virtual Field Trips

Amazon Rainforest - People and Threats - Grades 2-5

Canada: Coast to Coast

Canada: Our Northern Neighbor

Grade 3 - Geography of Our Communities

Grade 4 - Northeast

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today Grade 4 - West Region Geography

Grade 4 - West Region Today

The Sahara Desert

PROFICIENCY 2.

LEVEL

FOUNDATION / 4-ESS3- Generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans.

Virtual Field Trips

Grade 3 - Geography of Our Communities

California Content Standards Social Studies

Grade: 4 - Adopted: 1998

5	CONTENT STANDARD / DOMAIN / PART	CA.4.	California: A Changing State
	PERFORMANC E STANDARD / MODE	4.1.	Students demonstrate an understanding of the physical and human geographic features that define places and regions in California.

EXPECTATION / 4.1.1. **SUBSTRAND**

Explain and use the coordinate grid system of latitude and longitude to determine the absolute locations of places in California and on Earth.

Virtual Field Trips

Grade 3 - Geography of Our Communities

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today

Grade 4 - West Region Geography

EXPECTATION / 4.1.2. SUBSTRAND

Distinguish between the North and South Poles; the equator and the prime meridian; the tropics; and the hemispheres, using coordinates to plot locations.

Virtual Field Trips

Grade 4 - West Region Geography

EXPECTATION / 4.1.3. SUBSTRAND

Identify the state capital and describe the various regions of California, including how their characteristics and physical environments (e.g., water, landforms, vegetation, climate) affect human activity.

Virtual Field Trips

Grade 4 - West Region Geography

EXPECTATION / 4.1.4. SUBSTRAND

Identify the locations of the Pacific Ocean, rivers, valleys, and mountain passes and explain their effects on the growth of towns.

Virtual Field Trips

Canada: Coast to Coast

Grade 4 - West Region Geography Grade 4 - West Region Landforms

EXPECTATION / 4.1.5. SUBSTRAND

Use maps, charts, and pictures to describe how communities in California vary in land use, vegetation, wildlife, climate, population density, architecture, services, and transportation.

Virtual Field Trips

Grade 4 - West Region Geography

CONTENT STANDARD / DOMAIN / PART	CA.4.	California: A Changing State
PERFORMANC E STANDARD / MODE	4.2.	Students describe the social, political, cultural, and economic life and interactions among people of California from the pre-Columbian societies to the Spanish mission and Mexican rancho periods.
EXPECTATION / SUBSTRAND	4.2.1.	Discuss the major nations of California Indians, including their geographic distribution, economic activities, legends, and religious beliefs; and describe how they depended on, adapted to, and modified the physical environment by cultivation of land and use of sea resources. Virtual Field Trips
		Grade 4 - West Region Early Beginnings
EXPECTATION / SUBSTRAND	4.2.2.	Identify the early land and sea routes to, and European settlements in, California with a focus on the exploration of the North Pacific (e.g., by Captain James Cook, Vitus Bering, Juan Cabrillo), noting especially the importance of mountains, deserts, ocean currents, and wind patterns.
		Virtual Field Trips Grade 4 - West Region Early Beginnings
EXPECTATION / SUBSTRAND	4.2.3.	Describe the Spanish exploration and colonization of California, including the relationships among soldiers, missionaries, and Indians (e.g., Juan Crespi, Junipero Serra, Gaspar de Portola).
		Virtual Field Trips Grade 4 - West Region Early Beginnings

SUBSTRAND

EXPECTATION / 4.2.4.

Describe the mapping of, geographic basis of, and economic factors in the placement and function of the Spanish missions; and understand how the mission system expanded the influence of Spain and Catholicism throughout New Spain and Latin America.

Virtual Field Trips

Grade 4 - West Region Early Beginnings

EXPECTATION / 4.2.5. Describe the daily lives of the people, native and nonnative, who occupied the presidios, missions, ranchos, SUBSTRAND and pueblos. Virtual Field Trips Grade 4 - West Region Early Beginnings EXPECTATION / 4.2.6. Discuss the role of the Franciscans in changing the economy of California from a hunter-gatherer economy to SUBSTRAND an agricultural economy. Virtual Field Trips Grade 4 - West Region Early Beginnings EXPECTATION / 4.2.7. Describe the effects of the Mexican War for Independence on Alta California, including its effects on the SUBSTRAND territorial boundaries of North America. Virtual Field Trips Grade 4 - Southwest Region Early Beginnings

CONTENT STANDARD / DOMAIN / PART	CA.4.	California: A Changing State
PERFORMANC E STANDARD / MODE	4.3.	Students explain the economic, social, and political life in California from the establishment of the Bear Flag Republic through the Mexican-American War, the Gold Rush, and the granting of statehood.
EXPECTATION / SUBSTRAND	4.3.2.	Compare how and why people traveled to California and the routes they traveled (e.g., James Beckwourth, John Bidwell, John C. Fremont, Pio Pico). Virtual Field Trips Grade 4 - West Region Early Beginnings Grade 4 - West Region Geography
EXPECTATION / SUBSTRAND	4.3.3.	Analyze the effects of the Gold Rush on settlements, daily life, politics, and the physical environment (e.g., using biographies of John Sutter, Mariano Guadalupe Vallejo, Louise Clapp). Virtual Field Trips Grade 4 - West Region Early Beginnings Grade 4 - West Region Geography

EXPECTATION / 4.3.5. Discuss how California became a state and how its new government differed from those during the Spanish SUBSTRAND and Mexican periods.

Virtual Field Trips

Grade 4 - West Region Early Beginnings

CONTENT STANDARD / DOMAIN / PART		California: A Changing State
PERFORMANC E STANDARD / MODE	4.4.	Students explain how California became an agricultural and industrial power, tracing the transformation of the California economy and its political and cultural development since the 1850s.

EXPECTATION / 4.4.1. Understand the story and lasting influence of the Pony Express, Overland Mail Service, Western Union, and the SUBSTRAND building of the transcontinental railroad, including the contributions of Chinese workers to its construction.

Virtual Field Trips

Grade 3 - How The Country Was Settled

Grade 4 - Northeast

Grade 4 - West Region Early Beginnings

EXPECTATION / 4.4.2. **SUBSTRAND**

Explain how the Gold Rush transformed the economy of California, including the types of products produced and consumed, changes in towns (e.g., Sacramento, San Francisco), and economic conflicts between diverse groups of people.

Virtual Field Trips

Grade 4 - West Region Early Beginnings

Grade 4 - West Region Geography

EXPECTATION / 4.4.3. SUBSTRAND

Discuss immigration and migration to California between 1850 and 1900, including the diverse composition of those who came; the countries of origin and their relative locations; and conflicts and accords among the diverse groups (e.g., the 1882 Chinese Exclusion Act).

Virtual Field Trips

Grade 4 - West Region Early Beginnings

Grade 4 - West Region Geography

EXPECTATION / 4.4.4. **SUBSTRAND**

Describe rapid American immigration, internal migration, settlement, and the growth of towns and cities (e.g., Los Angeles).

Virtual Field Trips

Grade 4 - West Region Early Beginnings

Grade 4 - West Region Geography

EXPECTATION / 4.4.6. SUBSTRAND

Describe the development and locations of new industries since the turn of the century, such as the aerospace industry, electronics industry, large-scale commercial agriculture and irrigation projects, the oil and automobile industries, communications and defense industries, and important trade links with the Pacific Basin.

Virtual Field Trips

Grade 4 - West Region Geography

CONTENT STANDARD / DOMAIN / PART	CA.4.	California: A Changing State
PERFORMANC E STANDARD / MODE	4.5.	Students understand the structures, functions, and powers of the local, state, and federal governments as described in the U.S. Constitution.
EXPECTATION / SUBSTRAND	4.5.1.	Discuss what the U.S. Constitution is and why it is important (i.e., a written document that defines the structure and purpose of the U.S. government and describes the shared powers of federal, state, and local governments). Virtual Field Trips Grade 3 - How Government Helps Our Communities Grade 3 - The First Americans
EXPECTATION / SUBSTRAND	4.5.2.	Understand the purpose of the California Constitution, its key principles, and its relationship to the U.S. Constitution. Virtual Field Trips Grade 3 - How Government Helps Our Communities Grade 3 - The First Americans

EXPECTATION / 4.5.3. SUBSTRAND

Describe the similarities (e.g., written documents, rule of law, consent of the governed, three separate branches) and differences (e.g., scope of jurisdiction, limits on government powers, use of the military) among federal, state, and local governments.

Virtual Field Trips

Grade 3 - How Government Helps Our Communities

Washington, DC - Grades K - 5

EXPECTATION / 4.5.4. SUBSTRAND

Explain the structures and functions of state governments, including the roles and responsibilities of their elected officials.

Virtual Field Trips

Grade 3 - How Government Helps Our Communities

CONTENT STANDARD / DOMAIN / PAR	CA.K- 5.HSSA.	Historical and Social Sciences Analysis Skills: The intellectual skills noted below are to be learned through, and applied to, the content standards for kindergarten through grade five. They are to be assessed only in conjunction with the content standards in kindergarten through grade five. In addition to the standards for kindergarten through grade five, students demonstrate the following intellectual, reasoning, reflection, and research skills.
PERFORMANC E STANDARD MODE		Chronological and Spatial Thinking

EXPECTATION / K-SUBSTRAND 5.CST.2.

Students correctly apply terms related to time, including past, present, future, decade, century, and generation.

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

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

EXPECTATION / K-

SUBSTRAND 5.CST.3.

Students explain how the present is connected to the past, identifying both similarities and differences between the two, and how some things change over time and some things stay the same.

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

EXPECTATION / K-SUBSTRAND 5.CST.4. Students use map and globe skills to determine the absolute locations of places and interpret information available through a map's or globe's legend, scale, and symbolic representations.

Virtual Field Trips

Canada: Coast to Coast

Canada: Our Northern Neighbor

Grade 4 - Northeast
The Sahara Desert

EXPECTATION / K-SUBSTRAND 5.CST.5.

Students judge the significance of the relative location of a place (e.g., proximity to a harbor, on trade routes) and analyze how relative advantages or disadvantages can change over time.

Virtual Field Trips

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 2-5

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 4 - Midwest Region Early Beginnings

Grade 4 - Northeast

Grade 4 - West Region Geography

Grade 4 - West Region Landforms

	5.HSSA.	Historical and Social Sciences Analysis Skills: The intellectual skills noted below are to be learned through, and applied to, the content standards for kindergarten through grade five. They are to be assessed only in conjunction with the content standards in kindergarten through grade five. In addition to the standards for kindergarten through grade five, students demonstrate the following intellectual, reasoning, reflection, and research skills.
PERFORMANC E STANDARD / MODE	K- 5.REPV.	Research, Evidence, and Point of View

EXPECTATION / K-

SUBSTRAND 5.REPV.2

K- Students pose relevant questions about events they encounter in historical documents, eyewitness accounts, 5.REPV.2. oral histories, letters, diaries, artifacts, photographs, maps, artworks, and architecture.

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

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

London - City of Pomp & Majesty

Rome - The Eternal City

CONTENT STANDARD / DOMAIN / PART	CA.K- 5.HSSA.	Historical and Social Sciences Analysis Skills: The intellectual skills noted below are to be learned through, and applied to, the content standards for kindergarten through grade five. They are to be assessed only in conjunction with the content standards in kindergarten through grade five. In addition to the standards for kindergarten through grade five, students demonstrate the following intellectual, reasoning, reflection, and research skills.
PERFORMANC E ST ANDARD / MODE		Historical Interpretation

EXPECTATION / K-5.HI.1. SUBSTRAND

Students summarize the key events of the era they are studying and explain the historical contexts of those events.

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

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

Washington, DC - Grades K - 5

EXPECTATION / K-5.Hl.2. SUBSTRAND

Students identify the human and physical characteristics of the places they are studying and explain how those features form the unique character of those places.

Virtual Field Trips

African Safari

Amazon Rainforest - Grades 2-5

Amazon Rainforest - People and Threats - Grades 2-5

Ancient China - Qin & Han Dynasties

Barcelona

Canada: Coast to Coast

Canada: Our Northern Neighbor

Exploring Cuba

Grade 3 - Geography of Our Communities

Grade 4 - Midwest Region Early Beginnings

Grade 4 - Midwest Region Today

Grade 4 - Northeast

Grade 4 - Southeast Region of the U.S.

Grade 4 - Southwest Region Early Beginnings

Grade 4 - Southwest Region Today

Grade 4 - West Region Geography

Grade 4 - West Region Landforms

Grade 4 - West Region Today

London - City of Pomp & Majesty National Parks - Alaska & Hawaii

National Parks - Nevada, California

National Parks - Washington, Oregon, Idaho, Montana, Colorado

National Parks - Wyoming, Utah

Paris - City of Light - Grades K - 5

The Sahara Desert

Tokyo - City of Contrasts

Washington, DC - Grades K - 5

SUBSTRAND

EXPECTATION / K-5.HI.3. Students identify and interpret the multiple causes and effects of historical events.

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

SUBSTRAND

EXPECTATION / K-5.Hl.4. Students conduct cost-benefit analyses of historical and current events.

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

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