

Main Criteria: Alaska Content and Performance Standards

Secondary Criteria: Virtual Field Trips

Subjects: Science, Social Studies

Grade: 1

Correlation Options: Show Correlated

Alaska Content and Performance Standards

Science

Grade: 1 - Adopted: 2006

PERFORMANCE / CONTENT STANDARD	AK.D1.	Concepts of Earth Science (SD1, SD2, SD3, SD4)
GRADE LEVEL EXPECTATION / STRAND	[3] SD2.1.	The student demonstrates an understanding of the forces that shape Earth by identifying and comparing a variety of Earth's land features (i.e., rivers, deltas, lakes, glaciers, mountains, valleys, and islands). <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us
PERFORMANCE / CONTENT STANDARD	AK.E1.	Science and Technology (SE1, SE2, SE3)
GRADE LEVEL EXPECTATION / STRAND	[3] SE1.1.	The student demonstrates an understanding of how to integrate scientific knowledge and technology to address problems by identifying local problems and discussing solutions. (L) <u>Virtual Field Trips</u> Grade 1 - Life Long Ago Grade 1 - The Earth Around Us
GRADE LEVEL EXPECTATION / STRAND	[3] SE2.1.	The student demonstrates an understanding that solving problems involves different ways of thinking, perspectives, and curiosity by identifying local tools and materials used in everyday life. (L) <u>Virtual Field Trips</u> Grade 1 - Life Long Ago
GRADE LEVEL EXPECTATION / STRAND	[3] SE3.1.	The student demonstrates an understanding of how scientific discoveries and technological innovations affect our lives and society by listing the positive and negative effects of a single technological development in the local community (e.g., fish trap, fish wheel, four-wheeler, computer). (L) <u>Virtual Field Trips</u> Grade 1 - Life Long Ago
PERFORMANCE / CONTENT STANDARD	AK.F1.	Cultural, Social, Personal Perspectives, and Science (SF1, SF2, SF3)
GRADE LEVEL EXPECTATION / STRAND	[3] SF1.1-SF3.1.	The student demonstrates an understanding of the dynamic relationships among scientific, cultural, social, and personal perspectives by exploring local or traditional stories that explain a natural event. (L) Cross referenced with SA3.1 <u>Virtual Field Trips</u> Grade 1 - Life Long Ago
PERFORMANCE / CONTENT STANDARD	AK.SA.	Science as Inquiry and Process: A student should understand and be able to apply the processes and applications of scientific inquiry. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	SA3.	Develop an understanding that culture, local knowledge, history, and interaction with the environment contribute to the development of scientific knowledge, and local applications provide opportunity for understanding scientific concepts and global issues.

		<u>Virtual Field Trips</u> Grade 1 - Life Long Ago
PERFORMANCE / CONTENT STANDARD	AK.SD.	Concepts of Earth Science: A student should understand and be able to apply the concepts, processes, theories, models, evidence, and systems of earth and space sciences. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	SD2.	Develop an understanding of the origins, ongoing processes, and forces that shape the structure, composition, and physical history of the Earth. <u>Virtual Field Trips</u> Grade 2 -Land and Water Around Us
GRADE LEVEL EXPECTATION / STRAND	SD3.	Develop an understanding of the cyclical changes controlled by energy from the sun and by Earth's position and motion in our solar system. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us
PERFORMANCE / CONTENT STANDARD	AK.SE.	Science and Technology: A student should understand the relationships among science, technology, and society. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	SE1.	Develop an understanding of how scientific knowledge and technology are used in making decisions about issues, innovations, and responses to problems and everyday events. <u>Virtual Field Trips</u> Grade 1 - Life Long Ago
GRADE LEVEL EXPECTATION / STRAND	SE3.	Develop an understanding of how scientific discoveries and technological innovations affect and are affected by our lives and cultures <u>Virtual Field Trips</u> Grade 1 - Life Long Ago
PERFORMANCE / CONTENT STANDARD	AK.SF.	Cultural, Social, Personal Perspectives and Science: A student should understand the dynamic relationships among scientific, cultural, social, and personal perspectives. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	SF1.	Develop an understanding of the interrelationships among individuals, cultures, societies, science, and technology. <u>Virtual Field Trips</u> Grade 1 - Life Long Ago
GRADE LEVEL EXPECTATION / STRAND	SF2.	Develop an understanding that some individuals, cultures, and societies use other beliefs and methods in addition to scientific methods to describe and understand the world. <u>Virtual Field Trips</u> Grade 1 - Life Long Ago
GRADE LEVEL EXPECTATION / STRAND	SF3.	Develop an understanding of the importance of recording and validating cultural knowledge. <u>Virtual Field Trips</u> Grade 1 - Life Long Ago
PERFORMANCE / CONTENT STANDARD	AK.SG.	History and Nature of Science: A student should understand the history and nature of science. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	SG1.	Develop an understanding that historical perspectives of scientific explanations demonstrate that scientific knowledge changes over time, building on prior knowledge.

		<u>Virtual Field Trips</u> Grade 1 - Life Long Ago Grade 1 - The Earth Around Us
GRADE LEVEL EXPECTATION / STRAND	SG3.	Develop an understanding that scientific knowledge is ongoing and subject to change as new evidence becomes available through experimental and/or observational confirmation(s). <u>Virtual Field Trips</u> Grade 1 - Life Long Ago Grade 1 - The Earth Around Us

**Alaska Content and Performance Standards
Social Studies**

Grade: 1 - Adopted: 2006

PERFORMANCE / CONTENT STANDARD	AK.A.	Geography: A student should be able to make and use maps, globes, and graphs to gather, analyze, and report spatial (geographic) information. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	A.1.	Use maps and globes to locate places and regions. <u>Virtual Field Trips</u> Grade 2 -Land and Water Around Us
GRADE LEVEL EXPECTATION / STRAND	A.4.	Use graphic tools and technologies to depict and interpret the world's human and physical systems. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us Paris - City of Light - Grades K - 5
GRADE LEVEL EXPECTATION / STRAND	A.5.	Evaluate the importance of the locations of human and physical features in interpreting geographic patterns. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us Paris - City of Light - Grades K - 5
PERFORMANCE / CONTENT STANDARD	AK.B.	Geography: A student should be able to utilize, analyze, and explain information about the human and physical features of places and regions. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	B.1.	Know that places have distinctive geographic characteristics. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us Paris - City of Light - Grades K - 5
GRADE LEVEL EXPECTATION / STRAND	B.2.	Analyze how places are formed, identified, named, and characterized. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us Paris - City of Light - Grades K - 5
GRADE LEVEL EXPECTATION / STRAND	B.3.	Relate how people create similarities and differences among places. <u>Virtual Field Trips</u> Grade 2 -Land and Water Around Us
GRADE LEVEL EXPECTATION / STRAND	B.5.	Describe and demonstrate how places and regions serve as cultural symbols, such as the Statue of Liberty.

		<u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work
GRADE LEVEL EXPECTATION / STRAND	B.7.	Understand that a region is a distinct area defined by one or more cultural or physical features. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us Paris - City of Light - Grades K - 5 Washington, DC - Grades K - 5
PERFORMANCE / CONTENT STANDARD	AK.C.	Geography: A student should understand the dynamic and interactive natural forces that shape the earth's environments. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	C.1.	Analyze the operation of the earth's physical systems, including ecosystems, climate systems, erosion systems, the water cycle, and tectonics. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us
GRADE LEVEL EXPECTATION / STRAND	C.3.	Recognize the concepts used in studying environments and recognize the diversity and productivity of different regional environments. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us
PERFORMANCE / CONTENT STANDARD	AK.D.	Geography: A student should understand and be able to interpret spatial (geographic) characteristics of human systems, including migration, movement, interactions of cultures, economic activities, settlement patterns, and political units in the state, nation, and world. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	D.2.	Explain how and why human networks, including networks for communications and for transportation of people and goods, are linked globally. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us
GRADE LEVEL EXPECTATION / STRAND	D.4.	Analyze how changes in technology, transportation, and communication impact social, cultural, economic, and political activity. <u>Virtual Field Trips</u> Grade 1 - Life Long Ago Grade 1 - The Earth Around Us
PERFORMANCE / CONTENT STANDARD	AK.E.	Geography: A student should understand and be able to evaluate how humans and physical environments interact. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	E.1.	Understand how resources have been developed and used. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us
GRADE LEVEL EXPECTATION / STRAND	E.2.	Recognize and assess local, regional, and global patterns of resource use. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us

GRADE LEVEL EXPECTATION / STRAND	E.4.	Determine the influence of human perceptions on resource utilization and the environment. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us
GRADE LEVEL EXPECTATION / STRAND	E.5.	Analyze the consequences of human modification of the environment and evaluate the changing landscape. <u>Virtual Field Trips</u> Grade 2 -Land and Water Around Us
GRADE LEVEL EXPECTATION / STRAND	E.6.	Evaluate the impact of physical hazards on human systems. <u>Virtual Field Trips</u> Grade 2 -Land and Water Around Us
PERFORMANCE / CONTENT STANDARD	AK.F.	Geography: A student should be able to use geography to understand the world by interpreting the past, knowing the present, and preparing for the future. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	F.3.	Analyze resource management practices to assess their impact on future environmental quality. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us
PERFORMANCE / CONTENT STANDARD	AK.A.	Government and Citizenship: A student should know and understand how societies define authority, rights, and responsibilities through a governmental process. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	A.1.	Understand the necessity and purpose of government. <u>Virtual Field Trips</u> Grade 2 - Our Government At Work
GRADE LEVEL EXPECTATION / STRAND	A.2.	Understand the meaning of fundamental ideas, including equality, authority, power, freedom, justice, privacy, property, responsibility, and sovereignty. <u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work
PERFORMANCE / CONTENT STANDARD	AK.B.	Government and Citizenship: A student should understand the constitutional foundations of the American political system and the democratic ideals of this nation. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	B.1.	Understand the ideals of this nation as expressed in the Declaration of Independence, the United States Constitution, and the Bill of Rights. <u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government Grade 2 - Early Americans Grade 2 - Our Government At Work
GRADE LEVEL EXPECTATION / STRAND	B.2.	Recognize American heritage and culture, including the republican form of government, capitalism, free enterprise system, patriotism, strong family units, and freedom of religion. <u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work Washington, DC - Grades K - 5

GRADE LEVEL EXPECTATION / STRAND	B.3.	Understand the United States Constitution, including separation of powers, the executive, legislative, and judicial branches of government, majority rule, and minority rights. <u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work Washington, DC - Grades K - 5
GRADE LEVEL EXPECTATION / STRAND	B.7.	Distinguish between constitution-based ideals and the reality of American political and social life. <u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work
GRADE LEVEL EXPECTATION / STRAND	B.8.	Understand the place of law in the American political system. <u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government Grade 2 - Living Together Grade 2 - Our Government At Work
PERFORMANCE / CONTENT STANDARD	AK.E.	Government and Citizenship: A student should have the knowledge and skills necessary to participate effectively as an informed and responsible citizen. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	E.1.	Know the important characteristics of citizenship. <u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government
GRADE LEVEL EXPECTATION / STRAND	E.2.	Recognize that it is important for citizens to fulfill their public responsibilities. <u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government
GRADE LEVEL EXPECTATION / STRAND	E.3.	Exercise political participation by discussing public issues, building consensus, becoming involved in political parties and political campaigns, and voting. <u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government Grade 2 - Our Government At Work
GRADE LEVEL EXPECTATION / STRAND	E.4.	Establish, explain, and apply criteria useful in evaluating rules and laws. <u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government Grade 2 - Living Together Grade 2 - Our Government At Work
GRADE LEVEL EXPECTATION / STRAND	E.6.	Recognize the value of community service. <u>Virtual Field Trips</u> Grade 1 - All About Work Grade 2 - Work and Money
PERFORMANCE / CONTENT STANDARD	AK.F.	Government and Citizenship: A student should understand the economies of the United States and the state and their relationships to the global economy. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	F.1.	Understand how the government and the economy interrelate through regulations, incentives, and taxation. <u>Virtual Field Trips</u> Grade 2 - Work and Money

PERFORMANCE / CONTENT STANDARD	AK.G.	Government and Citizenship: A student should understand the impact of economic choices and participate effectively in the local, state, national, and global economies. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	G.2.	Understand that choices are made because resources are scarce. <u>Virtual Field Trips</u> Grade 2 - Work and Money
GRADE LEVEL EXPECTATION / STRAND	G.6.	Understand that wages and productivity depend on investment in physical and human capital. <u>Virtual Field Trips</u> Grade 1 - All About Work Grade 2 - Work and Money
PERFORMANCE / CONTENT STANDARD	AK.A.	History: A student should understand that history is a record of human experiences that links the past to the present and the future. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	A.6.	Know that cultural elements, including language, literature, the arts, customs, and belief systems, reflect the ideas and attitudes of a specific time and know how the cultural elements influence human interaction. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Younger Grades)
GRADE LEVEL EXPECTATION / STRAND	A.7.	Understand that history is dynamic and composed of key turning points. <u>Virtual Field Trips</u> Grade 2 - Early Americans Washington, DC - Grades K - 5
GRADE LEVEL EXPECTATION / STRAND	A.8.	Know that history is a bridge to understanding groups of people and an individual's relationship to society. <u>Virtual Field Trips</u> Grade 1 - Life Long Ago Grade 2 - Early Americans
PERFORMANCE / CONTENT STANDARD	AK.B.	History: A student should understand historical themes through factual knowledge of time, places, ideas, institutions, cultures, people, and events. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	B.1.	Comprehend the forces of change and continuity that shape human history through the following persistent organizing themes:
GOAL	B.1.b.	Human communities and their relationships with climate, subsistence base, resources, geography, and technology. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 - Land and Water Around Us
GOAL	B.1.c.	The origin and impact of ideologies, religions, and institutions upon human societies. <u>Virtual Field Trips</u> Jerusalem - Then and Now (Younger Grades)
PERFORMANCE / CONTENT STANDARD	AK.D.	History: A student should be able to integrate historical knowledge with historical skill to effectively participate as a citizen and as a lifelong learner. A student who meets the content standard should:
GRADE LEVEL EXPECTATION / STRAND	D.5.	Base personal citizenship action on reasoned historical judgment with recognition of responsibility for self and others. <u>Virtual Field Trips</u> Grade 1 - Let's Learn About the Government

GRADE LEVEL EXPECTATION / STRAND	D.6.	Create new approaches to issues by incorporating history with other disciplines, including economics, geography, literature, the arts, science, and technology. <u>Virtual Field Trips</u> Grade 1 - The Earth Around Us Grade 2 -Land and Water Around Us Paris - City of Light - Grades K - 5
PERFORMANCE / CONTENT STANDARD	AK.AH.HI.1	Historical Inquiry: The student demonstrates an understanding of the methods of documenting history by planning and developing history projects, utilizing research tools such as: interviewing protocols, oral history, historical context, pre-interview research, primary sources, secondary sources, proper citation, corroboration, and cause and effect of historical events. [DOK 4] (H. C1-4)
GRADE LEVEL EXPECTATION / STRAND	AH.HI.1.9.	Colonial Era The United States Period (1867-1912) - Individual, Citizenship, Governance, Power: The student demonstrates an understanding of the historical rights and responsibilities of Alaskans by:
GOAL	AH.ICGP.3.	Explaining and analyzing tribal and western concepts of land ownership and how acting upon those concepts contributes to changes in land use, control, and ownership. [DOK 4] (H. C7, C8) <u>Virtual Field Trips</u> Grade 2 - Early Americans
PERFORMANCE / CONTENT STANDARD	AK.AH.HI.1	Historical Inquiry: The student demonstrates an understanding of the methods of documenting history by planning and developing history projects, utilizing research tools such as: interviewing protocols, oral history, historical context, pre-interview research, primary sources, secondary sources, proper citation, corroboration, and cause and effect of historical events. [DOK 4] (H. C1-4)
GRADE LEVEL EXPECTATION / STRAND	AH.HI.1.15.	Alaska as a State (1959-present) - People, Places, Environment: The student demonstrates an understanding of the interaction between people and their physical environment by:
GOAL	AH.PPE.7	Using texts/sources to explain the political, social, cultural, economic, geographic, and historic characteristics of the student's community or region. [DOK 3] (H. B1b, C. E2, E8) <u>Virtual Field Trips</u> Grade 1 - Families and Neighbors Grade 1 - The Earth Around Us Grade 2 - Living Together