



## Standards Matches for Kidspiration®

<a href="#">Alaska</a> <b>2006</b> <b>Reading/Writing</b>	<b><i>Kidspiration® 3 includes symbols, activities and lessons in English Language Arts and Reading, supporting students as they build skills to meet English Language Arts and Reading standards</i></b>											
	Visually express ideas	Organize ideas	Group and classify	Compare and contrast	Conduct research	Phonemic awareness	Phonics	Vocabulary	Comprehension	Forms of writing	Writing process	Grammar and mechanics
<b><i>Kindergarten</i></b>												
The student uses strategies to decode or comprehend meaning of words in text	x	x				x	x	x	x			
The student comprehends literal or inferred meaning from text	x	x							x			
The student reads text aloud												
The student restates/summarizes information	x	x							x			
The student demonstrates an understanding of main idea	x	x							x			

The student follows written directions	x	x										
The student analyzes content and structure of genres	x	x							x			
The student analyzes literary elements and devices	x	x							x			
The student analyzes content of text to differentiate fact and opinion	x	x										
The student connects themes	x	x		x					x			
The student makes connections between cultural influences/events	x	x							x			
The student writes about a topic	x	x									x	
The student writes for a variety of purposes and audiences	x	x									x	
The student writes and edits using conventions of Standard English		x									x	x
The student revises writing	x	x									x	
The student documents sources	x	x										

**Grade 1**

The student uses strategies to decode or comprehend meaning of words in text	x	x				x	x	x				
The student comprehends literal or inferred meaning from text	x	x		x					x			
The student reads text aloud												
The student restates/summarizes information	x	x							x			
The student demonstrates an understanding of main idea	x	x							x			
The student follows oral and written directions	x	x										
The student analyzes content and structure of genres	x	x										
The student analyzes literary elements and devices	x	x							x			
The student analyzes content of text to differentiate fact and opinion	x	x							x			
The student connects themes	x	x		x					x			
The student makes connections between cultural influences/events	x	x										

The student writes about a topic	x	x									x	x
The student writes for a variety of purposes and audiences	x	x								x	x	
The student writes and edits using conventions of Standard English		x									x	x
The student revises writing		x									x	
The student documents sources												
<b>Grade 2</b>												
The student uses strategies to decode or comprehend meaning of words in text		x					x	x	x			
The student comprehends literal or inferred meaning from text	x	x							x			
The student reads text aloud												
The student restates/summarizes information	x	x							x			
The student demonstrates an understanding of main idea	x	x							x			
The student follows oral and written directions	x	x										

The student analyzes content and structure of genres	x	x										
The student analyzes literary elements and devices	x	x							x			
The student analyzes content of text to differentiate fact and opinion	x	x							x			
The student connects themes	x	x		x					x			
The student makes connections between cultural influences/events	x	x										
The student writes about a topic	x	x									x	
The student writes for a variety of purposes and audiences		x								x	x	
The student writes and edits using conventions of Standard English		x									x	x
The student revises writing		x									x	
The student documents sources		x			x						x	
<b>Grade 3</b>												
The student uses strategies to decode or comprehend meaning of words in text		x					x	x	x			

The student comprehends literal or inferred meaning from text	x	x							x			
The student reads text aloud												
The student restates/summarizes information	x	x							x			
The student demonstrates an understanding of main idea	x	x							x			
The student follows oral and written directions	x	x										
The student analyzes content and structure of genres	x	x										
The student analyzes literary elements and devices	x	x							x			
The student analyzes content of text to differentiate fact and opinion	x	x							x			
The student connects themes	x	x		x					x			
The student makes connections between cultural influences/events	x	x										
The student writes about a topic	x	x									x	
The student writes for a variety of purposes and audiences		x								x	x	

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

The student writes and edits using conventions of Standard English		x									x	x
The student revises writing		x									x	
The student documents sources		x			x						x	
<b>Grade 4</b>												
The student uses strategies to decode or comprehend meaning of words in text		x	x				x	x	x			
The student comprehends literal or inferred meaning from text	x	x							x			
The student reads text aloud												
The student restates/summarizes information	x	x							x			
The student demonstrates an understanding of main idea	x	x							x			
The student follows written directions	x	x										
The student analyzes content and structure of genres	x	x	x									
The student analyzes literary elements and devices	x	x		x					x			

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

The student analyzes content of text to differentiate fact and opinion	x	x	x						x			
The student connects themes	x	x		x					x			
The student makes connections between cultural influences/events	x	x										
The student writes for a variety of purposes and audiences	x	x								x	x	
The student writes and edits using conventions of Standard English		x									x	x
The student revises writing		x									x	
The student documents sources		x			x						x	
The student uses resources		x			x							
<b>Grade 5</b>												
The student uses strategies to decode or comprehend meaning of words in text		x	x					x	x			
The student comprehends literal or inferred meaning from text	x	x							x			
The student reads text aloud												
The student restates/summarizes information	x	x							x			

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

The student demonstrates an understanding of main idea	x	x		x					x			
The student follows written directions	x	x										
The student analyzes content and structure of genres	x	x										
The student analyzes literary elements and devices	x	x		x					x			
The student analyzes content of text to differentiate fact and opinion	x	x	x						x			
The student connects themes	x	x		x					x			
The student makes connections between cultural influences/events	x	x										
The student writes for a variety of purposes and audiences		x								x	x	
The student writes and edits using conventions of Standard English		x									x	x
The student revises writing		x									x	
The student documents sources		x			x							
The student uses resources		x			x						x	

<b>Alaska</b> <b>Mathematics</b>	<b><i>Kidspiration® 3 includes tools, symbols, activities and lessons in Math, supporting students as they build skills to meet Math standards</i></b>												
	Model with Color Tiles	Model with Pattern Blocks	Model with Base Ten Blocks	Model with Fraction Tiles	Model with Fraction Boxes	Modeling in Picture View	Use Multiple Modes of Representation	Use words, numbers and math symbols	Number and Operations	Algebra	Geometry	Data Analysis and Probability	Measurement
<b><i>Kindergarten</i></b>													
Content Standard A: Mathematical facts, concepts, principles, and theories													
Understanding Numbers	x	x	x			x	x	x	x				
Understanding Meaning of Operations	x	x	x			x	x	x	x				
Number Theory	x		x					x	x				
Measurable Attributes	x	x				x		x					x
Measurement Techniques						x		x					x
Estimation	x	x	x			x		x	x				
Computation	x	x				x	x	x	x				

Describing Patterns and Functions	x	x				x		x		x			
Modeling and Solving Equations and Inequalities	x	x				x	x	x		x			
Geometric Relationships	x	x				x		x			x		
Similarity, Congruence, Symmetry, and Transformation of Shapes	x	x				x					x		
Position and Direction	x	x				x		x			x		
Construction	x	x				x		x			x		
Data Display	x	x				x						x	
Analysis and Central Tendency	x					x		x				x	
Probability													
Content Standards B, C, D, and E: Process skills and abilities													
Problem Solving: Understand and be able to select and use a variety of problem-solving strategies	x	x	x			x	x	x	x	x	x	x	x

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

Communication: Form and use appropriate methods to define and explain mathematical relationships	x	x	x			x	x	x	x	x	x	x	x
Reasoning: Use logic and reason to solve mathematical problems	x	x	x			x	x	x	x	x	x	x	x
Connections: Apply mathematical concepts and processes to situations within and outside of school.	x	x	x			x	x	x	x	x	x	x	x
<b>Grade 1</b>													
Content Standard A: Mathematical facts, concepts, principles, and theories													
Understanding Numbers	x	x	x			x	x	x	x				
Understanding Meaning of Operations	x		x			x	x	x	x				
Number Theory	x		x			x	x	x	x				
Measurable Attributes	x	x				x		x					x
Measurement Techniques						x		x					x

Estimation	x		x			x		x	x				
Computation													
Describing Patterns and Functions	x	x				x		x		x			
Modeling and Solving Equations and Inequalities	x		x			x	x	x		x			
Geometric Relationships		x				x		x			x		
Similarity, Congruence, Symmetry, and Transformation of Shapes						x		x			x		
Position and Direction	x	x				x		x			x		
Construction	x	x				x		x			x		
Data Display	x					x		x				x	
Analysis and Central Tendency	x					x		x				x	
Probability													
Content Standards B, C, D, and E: Process skills and abilities													

Problem Solving: Understand and be able to select and use a variety of problem-solving strategies	x	x	x			x	x	x	x	x	x	x	x
Communication: Form and use appropriate methods to define and explain mathematical relationships	x	x	x			x	x	x	x	x	x	x	x
Reasoning: Use logic and reason to solve mathematical problems	x	x	x			x	x	x	x	x	x	x	x
Connections: Apply mathematical concepts and processes to situations within and outside of school.	x	x	x			x	x	x	x	x	x	x	x
<b>Grade 2</b>													
Content Standard A: Mathematical facts, concepts, principles, and theories													
Understanding Numbers	x	x	x	x	x	x	x	x	x				
Understanding Meaning of Operations	x		x			x	x	x	x				
Number Theory	x		x			x		x	x				

Measurable Attributes	x	x				x		x					x
Measurement Techniques						x		x					x
Estimation	x		x			x		x	x				
Computation	x		x			x	x	x	x				
Describing Patterns and Functions	x	x				x		x		x			
Modeling and Solving Equations and Inequalities	x		x			x	x	x		x			
Geometric Relationships	x	x				x		x			x		
Similarity, Congruence, Symmetry, and Transformation of Shapes	x	x									x		
Perimeter, Area, Volume, and Surface Area	x	x						x			x		
Position and Direction	x							x			x		
Construction	x	x				x		x			x		
Data Display	x					x		x				x	
Analysis and Central Tendency													
Probability													

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

Content Standards B, C, D, and E: Process skills and abilities													
Problem Solving: Understand and be able to select and use a variety of problem-solving strategies	x	x	x	x	x	x	x	x	x	x	x	x	x
Communication: Form and use appropriate methods to define and explain mathematical relationships	x	x	x	x	x	x	x	x	x	x	x	x	x
Reasoning: Use logic and reason to solve mathematical problems	x	x	x	x	x	x	x	x	x	x	x	x	x
Connections: Apply mathematical concepts and processes to situations within and outside of school.	x	x	x	x	x	x	x	x	x	x	x	x	x
<b>Grade 3</b>													
Content Standard A: Mathematical facts, concepts, principles, and theories													
Understanding Numbers	x	x	x	x	x	x	x	x	x				
Understanding Meaning of Operations	x	x				x	x	x	x				

Number Theory	x		x			x		x	x				
Measurable Attributes	x	x				x		x					x
Measurement Techniques						x		x					x
Estimation			x					x	x				
Computation	x		x			x	x	x	x				
Describing Patterns and Functions	x	x						x		x			
Modeling and Solving Equations and Inequalities	x		x			x		x		x			
Geometric Relationships	x	x				x		x			x		
Similarity, Congruence, Symmetry, and Transformation of Shapes	x	x						x			x		
Perimeter, Area, Volume, and Surface Area	x							x			x		
Position and Direction	x					x		x			x		
Construction		x									x		
Data Display	x					x		x				x	
Analysis and Central Tendency	x					x		x				x	

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

Probability						x		x				x	
Content Standards B, C, D, and E: Process skills and abilities													
Problem Solving: Understand and be able to select and use a variety of problem-solving strategies	x	x	x	x	x	x	x	x	x	x	x	x	x
Communication: Form and use appropriate methods to define and explain mathematical relationships	x	x	x	x	x	x	x	x	x	x	x	x	x
Reasoning: Use logic and reason to solve mathematical problems	x	x	x	x	x	x	x	x	x	x	x	x	x
Connections: Apply mathematical concepts and processes to situations within and outside of school.	x	x	x	x	x	x	x	x	x	x	x	x	x
<b>Grade 4</b>													
Content Standard A: Mathematical facts, concepts, principles, and theories													
Understanding Numbers	x	x	x	x	x	x	x	x	x				

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

Understanding Meaning of Operations	x	x	x	x	x	x	x	x	x				
Number Theory	x		x			x		x	x				
Measurable Attributes						x		x					x
Measurement Techniques						x		x					x
Estimation			x					x	x				
Computation			x		x			x	x				
Describing Patterns and Functions	x	x				x	x	x		x			
Modeling and Solving Equations and Inequalities	x		x					x		x			
Geometric Relationships						x		x			x		
Similarity, Congruence, Symmetry, and Transformation of Shapes	x	x									x		
Perimeter, Area, Volume, and Surface Area	x							x			x		
Position and Direction													
Construction	x										x		
Data Display													

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

Analysis and Central Tendency													
Probability	x					x		x				x	
Content Standards B, C, D, and E: Process skills and abilities													
Problem Solving: Understand and be able to select and use a variety of problem-solving strategies	x	x	x	x	x	x	x	x	x	x	x	x	x
Communication: Form and use appropriate methods to define and explain mathematical relationships	x	x	x	x	x	x	x	x	x	x	x	x	x
Reasoning: Use logic and reason to solve mathematical problems	x	x	x	x	x	x	x	x	x	x	x	x	x
Connections: Apply mathematical concepts and processes to situations within and outside of school.	x	x	x	x	x	x	x	x	x	x	x	x	x

## Grade 5

Content Standard A:  
Mathematical facts,  
concepts, principles, and  
theories

Understanding Numbers	x	x	x	x	x	x	x	x	x				
Understanding Meaning of Operations		x	x	x	x	x	x	x	x				
Number Theory	x		x					x	x				
Measurable Attributes						x		x					x
Measurement Techniques						x		x					x
Estimation			x					x	x				
Computation			x	x	x			x	x				
Describing Patterns and Functions	x	x				x		x		x			
Modeling and Solving Equations and Inequalities	x		x					x		x			
Geometric Relationships		x				x		x			x		

Similarity, Congruence, Symmetry, and Transformation of Shapes	x	x									x		
Perimeter, Area, Volume, and Surface Area													
Position and Direction													
Construction	x										x		
Data Display													
Analysis and Central Tendency													
Probability						x		x				x	
Content Standards B, C, D, and E: Process skills and abilities													
Problem Solving: Understand and be able to select and use a variety of problem-solving strategies	x	x	x	x	x	x	x	x	x	x	x	x	x
Communication: Form and use appropriate methods to define and explain mathematical relationships	x	x	x	x	x	x	x	x	x	x	x	x	x

Reasoning: Use logic and reason to solve mathematical problems	x	x	x	x	x	x	x	x	x	x	x	x	x
Connections: Apply mathematical concepts and processes to situations within and outside of school.	x	x	x	x	x	x	x	x	x	x	x	x	x

<a href="#">Alaska</a> <b>2005</b> <b>Science</b>	<b><i>Kidspiration® 3 includes symbols, activities and lessons in Science, supporting students as they build skills to meet Science standards</i></b>											
	Visually express ideas	Organize ideas	Build vocabulary	Increase comprehension	Group and classify	Compare and Contrast	Present ideas orally	Conduct research	Nature of Science	Life Science	Physical Science	Earth and Space
<b>Grade 3</b>												
A1—Science as Inquiry and Process												
SA Students develop an understanding of the processes and applications of scientific inquiry.	x	x		x			x		x			
SA1 Students develop an understanding of the processes of science used to investigate problems, design and conduct repeatable scientific investigations, and defend scientific arguments.	x	x		x			x		x			

SA2 Students develop an understanding that the processes of science require integrity, logical reasoning, skepticism, openness, communication, and peer review.	x	x		x			x		x			
SA3 Students 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.	x	x		x			x		x			
B1— Concepts of Physical Science												
SB Students develop an understanding of the concepts, models, theories, universal principles, and facts that explain the physical world.	x	x		x			x		x			x

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

<p>SB1 Students develop an understanding of the characteristic properties of matter and the relationship of these properties to their structure and behavior.</p>	x	x		x		x	x		x		x	
<p>SB2 Students develop an understanding that energy appears in different forms, can be transformed from one form to another, can be transferred or moved from one place or system to another, may be unavailable for use, and is ultimately conserved.</p>	x	x		x		x	x		x		x	
<p>SB3 Students develop an understanding of the interactions between matter and energy, including physical, chemical, and nuclear changes, and the effects of these interactions on physical systems.</p>	x	x		x		x	x		x		x	

SB4 Students develop an understanding of motions, forces, their characteristics and relationships, and natural forces and their effects.	x	x		x		x	x		x		x	
C1—Concepts of Life Science												
SC Students develop an understanding of the concepts, models, theories, facts, evidence, systems, and processes of life science.	x	x		x		x	x		x	x		
SC1 Students develop an understanding of how science explains changes in life forms over time, including genetics, heredity, the process of natural selection, and biological evolution.	x	x		x		x	x	x	x	x		
SC2 Students develop an understanding of the structure, function, behavior, development, life cycles, and diversity of living organisms.	x	x		x	x	x	x	x	x	x		

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

SC3 Students develop an understanding that all organisms are linked to each other and their physical environments through the transfer and transformation of matter and energy.	x	x		x		x	x	x	x	x		
D1—Concepts of Earth Science												
SD Students develop an understanding of the concepts, processes, theories, models, evidence, and systems of earth and space sciences.	x	x		x		x	x		x			x
SD1 Students develop an understanding of Earth's geochemical cycles.	x	x		x		x	x		x			x
SD2 Students develop an understanding of the origins, ongoing processes, and forces that shape the structure, composition, and physical history of the Earth.	x	x		x		x	x		x			x

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

SD3 Students develop an understanding of the cyclical changes controlled by energy from the sun and by Earth's position and motion in our solar system.	x	x		x			x		x			x
SD4 Students develop an understanding of the theories regarding the evolution of the universe.	x	x		x		x	x		x			x
E1—Science and Technology												
SE Students develop an understanding of the relationships among science, technology, and society.	x	x		x			x		x			
SE1 Students develop an understanding of how scientific knowledge and technology are used in making decisions about issues, innovations, and responses to problems and everyday events.	x	x		x			x		x			

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

SE2 Students develop an understanding that solving problems involves different ways of thinking, perspectives, and curiosity that lead to the exploration of multiple paths that are analyzed using scientific, technological, and social merits.	x	x		x		x	x		x			
SE3 Students develop an understanding of how scientific discoveries and technological innovations affect and are affected by our lives and cultures.	x	x		x			x		x			
F1—Cultural, Social, Personal Perspectives, and Science												
SF Students develop an understanding of the dynamic relationships among scientific, cultural, social, and personal perspectives.	x	x		x			x		x			

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

SF1 Students develop an understanding of the interrelationships among individuals, cultures, societies, science, and technology.	x	x		x			x		x			
SF2 Students 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.	x	x		x			x		x			
SF3 Students develop an understanding of the importance of recording and validating cultural knowledge.	x	x		x			x		x			
G1—History and Nature of Science												
SG Students develop an understanding of the history and nature of science.	x	x		x			x		x			

SG1 Students develop an understanding that historical perspectives of scientific explanations demonstrate that scientific knowledge changes over time, building on prior knowledge.												
SG2 Students develop an understanding that the advancement of scientific knowledge embraces innovation and requires empirical evidence, repeatable investigations, logical arguments, and critical review in striving for the best possible explanations of the natural world.	x	x		x		x		x				
SG3 Students develop an understanding that scientific knowledge is ongoing and subject to change as new evidence becomes available through experimental and/or observational confirmation(s).												
SG4 Students develop an understanding that advancements in science depend on curiosity, creativity, imagination, and a broad knowledge base.	x	x		x				x				

<b>Grade 4</b>												
A1—Science as Inquiry and Process												
SA Students develop an understanding of the processes and applications of scientific inquiry.	x	x		x			x		x			
SA1 Students develop an understanding of the processes of science used to investigate problems, design and conduct repeatable scientific investigations, and defend scientific arguments.	x	x		x	x	x	x		x			
SA2 Students develop an understanding that the processes of science require integrity, logical reasoning, skepticism, openness, communication, and peer review.	x	x		x			x		x			

SA3 Students 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.	x	x		x			x		x			
B1— Concepts of Physical Science												
SB Students develop an understanding of the concepts, models, theories, universal principles, and facts that explain the physical world.	x	x		x			x		x		x	
SB1 Students develop an understanding of the characteristic properties of matter and the relationship of these properties to their structure and behavior.	x	x		x		x	x		x		x	
SB2 Students develop an understanding that energy appears in different forms, can be transformed from one form to another, can be transferred or moved from one place or system to another, may be unavailable for use, and is ultimately conserved.	x	x		x		x	x		x		x	

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

SB3 Students develop an understanding of the interactions between matter and energy, including physical, chemical, and nuclear changes, and the effects of these interactions on physical systems.	x	x		x			x		x		x	
SB4 Students develop an understanding of motions, forces, their characteristics and relationships, and natural forces and their effects.	x	x		x			x		x		x	
C1—Concepts of Life Science												
SC Students develop an understanding of the concepts, models, theories, facts, evidence, systems, and processes of life science.	x	x		x			x		x	x		
SC1 Students develop an understanding of how science explains changes in life forms over time, including genetics, heredity, the process of natural selection, and biological evolution.	x	x		x		x	x		x	x		
SC2 Students develop an understanding of the structure, function, behavior, development, life cycles, and diversity of living organisms.	x	x		x		x	x		x	x		

SC3 Students develop an understanding that all organisms are linked to each other and their physical environments through the transfer and transformation of matter and energy.	x	x		x	x	x	x		x	x		
D1—Concepts of Earth Science												
SD Students develop an understanding of the concepts, processes, theories, models, evidence, and systems of earth and space sciences.	x	x		x			x		x			x
SD1 Students develop an understanding of Earth’s geochemical cycles.	x	x		x		x	x		x			x
SD2 Students develop an understanding of the origins, ongoing processes, and forces that shape the structure, composition, and physical history of the Earth.	x	x		x		x	x		x			x
SD3 Students develop an understanding of the cyclical changes controlled by energy from the sun and by Earth’s position and motion in our solar system.	x	x		x			x		x			x

SD4 Students develop an understanding of the theories regarding the evolution of the universe.	x	x		x		x	x		x			x
E1—Science and Technology												
SE Students develop an understanding of the relationships among science, technology, and society.	x	x		x			x		x			
SE1 Students develop an understanding of how scientific knowledge and technology are used in making decisions about issues, innovations, and responses to problems and everyday events.	x	x		x			x		x			
SE2 Students develop an understanding that solving problems involves different ways of thinking, perspectives, and curiosity that lead to the exploration of multiple paths that are analyzed using scientific, technological, and social merits.	x	x		x		x	x		x			
SE3 Students develop an understanding of how scientific discoveries and technological innovations affect and are affected by our lives and cultures.	x	x		x			x		x			

F1—Cultural, Social, Personal Perspectives, and Science												
SF Students develop an understanding of the dynamic relationships among scientific, cultural, social, and personal perspectives.	x	x		x			x		x			
SF1 Students develop an understanding of the interrelationships among individuals, cultures, societies, science, and technology.	x	x		x			x		x			
SF2 Students 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.	x	x		x			x		x			
SF3 Students develop an understanding of the importance of recording and validating cultural knowledge.	x	x		x			x		x			
G1—History and Nature of Science												
SG Students develop an understanding of the history and nature of science.	x	x		x			x	x	x			

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

SG1 Students develop an understanding that historical perspectives of scientific explanations demonstrate that scientific knowledge changes over time, building on prior knowledge.												
SG2 Students develop an understanding that the advancement of scientific knowledge embraces innovation and requires empirical evidence, repeatable investigations, logical arguments, and critical review in striving for the best possible explanations of the natural world.	x	x		x			x		x			
SG3 Students develop an understanding that scientific knowledge is ongoing and subject to change as new evidence becomes available through experimental and/or observational confirmation(s).												
SG4 Students develop an understanding that advancements in science depend on curiosity, creativity, imagination, and a broad knowledge base.	x	x		x			x	x	x			

<b>Grade 5</b>												
<b>A1—Science as Inquiry and Process</b>												
SA Students develop an understanding of the processes and applications of scientific inquiry.	x	x		x			x		x			
SA1 Students develop an understanding of the processes of science used to investigate problems, design and conduct repeatable scientific investigations, and defend scientific arguments.	x	x		x		x	x		x			
SA2 Students develop an understanding that the processes of science require integrity, logical reasoning, skepticism, openness, communication, and peer review.	x	x		x			x		x			

SA3 Students 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.	x	x		x			x		x			
B1— Concepts of Physical Science												
SB Students develop an understanding of the concepts, models, theories, universal principles, and facts that explain the physical world.	x	x		x			x		x		x	
SB1 Students develop an understanding of the characteristic properties of matter and the relationship of these properties to their structure and behavior.	x	x		x		x	x		x		x	
SB2 Students develop an understanding that energy appears in different forms, can be transformed from one form to another, can be transferred or moved from one place or system to another, may be unavailable for use, and is ultimately conserved.	x	x		x	x	x	x		x		x	

SB3 Students develop an understanding of the interactions between matter and energy, including physical, chemical, and nuclear changes, and the effects of these interactions on physical systems.	x	x		x		x	x		x		x	
SB4 Students develop an understanding of motions, forces, their characteristics and relationships, and natural forces and their effects.	x	x		x			x		x		x	
C1—Concepts of Life Science												
SC Students develop an understanding of the concepts, models, theories, facts, evidence, systems, and processes of life science.	x	x		x			x		x	x		
SC1 Students develop an understanding of how science explains changes in life forms over time, including genetics, heredity, the process of natural selection, and biological evolution.	x	x		x		x	x		x	x		
SC2 Students develop an understanding of the structure, function, behavior, development, life cycles, and diversity of living organisms.	x	x		x	x	x	x		x	x		

SC3 Students develop an understanding that all organisms are linked to each other and their physical environments through the transfer and transformation of matter and energy.	x	x		x		x	x		x	x		
D1—Concepts of Earth Science												
SD Students develop an understanding of the concepts, processes, theories, models, evidence, and systems of earth and space sciences.	x	x		x			x		x			x
SD1 Students develop an understanding of Earth’s geochemical cycles.	x	x		x			x		x			x
SD2 Students develop an understanding of the origins, ongoing processes, and forces that shape the structure, composition, and physical history of the Earth.	x	x		x			x		x			x
SD3 Students develop an understanding of the cyclical changes controlled by energy from the sun and by Earth’s position and motion in our solar system.	x	x		x		x	x		x			x

SD4 Students develop an understanding of the theories regarding the evolution of the universe.	x	x		x		x	x		x			x
E1—Science and Technology												
SE Students develop an understanding of the relationships among science, technology, and society.	x	x		x			x		x			
SE1 Students develop an understanding of how scientific knowledge and technology are used in making decisions about issues, innovations, and responses to problems and everyday events.	x	x		x			x		x			
SE2 Students develop an understanding that solving problems involves different ways of thinking, perspectives, and curiosity that lead to the exploration of multiple paths that are analyzed using scientific, technological, and social merits.	x	x		x		x	x		x			
SE3 Students develop an understanding of how scientific discoveries and technological innovations affect and are affected by our lives and cultures.	x	x		x			x		x			

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

F1—Cultural, Social, Personal Perspectives, and Science												
SF Students develop an understanding of the dynamic relationships among scientific, cultural, social, and personal perspectives.	x	x		x			x		x			
SF1 Students develop an understanding of the interrelationships among individuals, cultures, societies, science, and technology.	x	x		x			x		x			
SF2 Students 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.	x	x		x			x		x			
SF3 Students develop an understanding of the importance of recording and validating cultural knowledge.	x	x		x			x		x			
G1—History and Nature of Science												
SG Students develop an understanding of the history and nature of science.	x	x		x			x	x	x			

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

SG1 Students develop an understanding that historical perspectives of scientific explanations demonstrate that scientific knowledge changes over time, building on prior knowledge.												
SG2 Students develop an understanding that the advancement of scientific knowledge embraces innovation and requires empirical evidence, repeatable investigations, logical arguments, and critical review in striving for the best possible explanations of the natural world.	x	x		x			x	x	x			
SG3 Students develop an understanding that scientific knowledge is ongoing and subject to change as new evidence becomes available through experimental and/or observational confirmation(s).												
SG4 Students develop an understanding that advancements in science depend on curiosity, creativity, imagination, and a broad knowledge base.	x	x		x			x	x	x			

Please note: This document lists standards in a format used by the state of AK. Consult the AK standards for the complete benchmarks to which Kidspiration software features are aligned.

<b>Alaska</b> <b>Social Studies</b>	<b><i>Kidspiration® 3 includes symbols, activities and lessons in Social Studies, supporting students as they build skills to meet Social Studies standards</i></b>												
	Visually express ideas	Organize ideas	Build vocabulary	Increase comprehension	Group and classify	Compare and Contrast	Present ideas orally	Conduct research	Civics and Government	Economics	Geography	U.S. History	World History
<b>Grades K-5</b>													
Historical Inquiry Indigenous Alaskans before western contact													
People places and environment The student demonstrates an understanding of the interaction between people and their physical environment	x	x	x	x		x	x	x			x	x	
Individual, Citizenship, Governance, Power The student demonstrates an understanding of the historical rights and responsibilities of Alaskans	x	x	x	x	x	x	x	x				x	

Colonial Era— The Russian period (1741-1867)													
People, Places, Environment The student demonstrates an understanding of the interaction between people and their physical environment	x	x	x	x	x	x	x	x			x		
Consumption, Production, Distribution The student demonstrates an understanding of the discovery, impact, and role of natural resources	x	x	x	x			x	x		x		x	
Individual, Citizenship, Governance, Power The student demonstrates an understanding of the historical rights and responsibilities of Alaskans	x	x	x	x			x	x	x			x	
Continuity and Change The student demonstrates an understanding of the chronology of Alaska history	x	x	x	x			x	x				x	
Colonial Era The United States Period (1867-1912)													

<p>People, Places, Environment</p> <p>The student demonstrates an understanding of the interaction between people and their physical environment</p>	x	x	x	x	x	x	x	x			x	x	
<p>Consumption, Production, Distribution</p> <p>The student demonstrates an understanding of the discovery, impact, and role of natural resources</p>	x	x	x	x			x	x		x		x	
<p>Individual, Citizenship, Governance, Power</p> <p>The student demonstrates an understanding of the historical rights and responsibilities of Alaskans</p>	x	x	x	x			x	x				x	
<p>Continuity and Change</p> <p>The student demonstrates an understanding of the chronology of Alaska history</p>	x	x	x	x			x	x				x	
Alaska as a Territory (1912-1959)													
<p>People, Places, Environment</p> <p>The student demonstrates an understanding of the interaction between people and their physical environment</p>	x	x	x	x			x	x			x	x	

Consumption, Production, Distribution The student demonstrates an understanding of the discovery, impact, and role of natural resources	x	x	x	x			x	x		x	x	x	
Individual, Citizenship, Governance, Power The student demonstrates an understanding of the historical rights and responsibilities of Alaskans	x	x	x	x			x	x	x			x	
Continuity and Change The student demonstrates an understanding of the chronology of Alaska history	x	x					x	x				x	
Alaska as a State (1959-present)													
People, Places, Environment The student demonstrates an understanding of the interaction between people and their physical environment	x	x	x	x	x	x	x	x			x	x	
Consumption, Production, Distribution The student demonstrates an understanding of the discovery, impact, and role of natural resources	x	x	x	x			x	x		x	x	x	

Individual, Citizenship, Governance, Power The student demonstrates an understanding of the historical rights and responsibilities of Alaskans	x	x	x	x	x		x	x				x	
Continuity and Change The student demonstrates an understanding of the chronology of Alaska history	x	x	x	x	x	x	x	x				x	