



## Standards Matches for Kidspiration®

### Alabama

2007

#### Language Arts

*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.*

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
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### **Kindergarten**

1.) Exhibit phonemic awareness, including identifying and categorizing phonemes, orally blending phonemes into one-syllable words, segmenting one-syllable words into phonemes, and rhyming.	x					x					
2.) Demonstrate letter-sound association, including matching letters to corresponding spoken sounds and blending letter sounds into one-syllable words, using printed materials.		x				x					

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3.) Identify upper- and lower-case letters.			x									
4.) Use words that describe and represent real-life objects and actions.	x	x			x							
5.) Demonstrate listening comprehension of passages, including retelling stories and answering questions.	x	x						x				
6.) Identify various forms of narrative texts, including nursery rhymes, poetry, and stories.		x	x									
7.) Recognize basic features of informational text.		x							x			
8.) Use brainstorming, drawing, and discussion as elements of prewriting in the writing process.	x	x								x		
9.) Print upper- and lower-case letters using proper formation, spacing, and letter-line placement.												

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10.) Use print and nonprint classroom, library, and real-world resources to acquire information.	x	x			x				x	x		
11.) Follow one- and two-part oral directions.	x	x										
12.) Select appropriate voice level when interacting with others.												
<b>Grade 1</b>												
1.) Demonstrate phonemic awareness, including isolating, deleting, and adding phonemes; using onsets and rimes; and identifying initial, medial, and final sounds in one-syllable words.	x					x						
2.) Utilize predictable letter-sound relationships to decode printed words, including words with consonant blends that require blending 3-4 phonemes into a whole word.		x					x					

3.) Demonstrate vocabulary skills, including sorting words into categories and deriving word meaning from context within sentences and paragraphs.			x					x	x			
4.) Read with comprehension a variety of first-grade narrative and informational texts, including recalling information and retelling a story with beginning, middle, and end.	x	x							x			
5.) Read with fluency simple passages containing simple sentences.												
6.) Recognize a variety of narrative text forms, including fairy tales, adventure stories, and poetry.		x	x									
7.) Use the basic features of informational text to distinguish fact from fiction.		x	x						x			
8.) Use complete sentences to address a topic or tell a story.		x							x		x	
9.) Use periods at the end of sentences and capitalization at the beginning of sentences and with the pronoun I.		x									x	x

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10.) Use a word that names a person, place, thing, or animal as the subject of a sentence.		x									x	x
11.) Exhibit proper letter formation, spacing, and letter-line placement in words and sentences.												
12.) Collect information from print and nonprint resources to investigate a teacher- or student-selected topic.	x	x			x					x	x	
13.) Listen for meaning in conversations and discussions, including looking at the speaker without interrupting.												
14.) Use appropriate intonation when speaking and interacting with others.												
<b>Grade 2</b>												
1.) Demonstrate phonological skills, including manipulating sounds and words of the English language and identifying syllables in two- and three-syllable words.	x						x					

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2.) Apply phonetic strategies to decode unfamiliar and multisyllable words using graphophonemic clues and letter-sound correspondences, including diphthongs and digraphs.		x					x					
3.) Exhibit vocabulary skills, including explaining simple common antonyms and synonyms and using descriptive words.		x						x				
4.) Demonstrate comprehension of second-grade reading materials across the curriculum, including drawing simple conclusions, classifying ideas and things, identifying sequence, and retelling directions and information from informational and functional reading materials.	x	x							x			
5.) Read with fluency passages containing complex sentences.												
6.) Differentiate among folktales, tall tales, fables, realistic fiction, and other narrative texts.		x	x									
7.) Explain how authors use text features to identify key and supporting ideas in informational texts.	x	x							x			

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8.) Organize sentences into a paragraph to address a topic or tell a story.		x								x	x	
9.) Demonstrate correct use of question marks and capitalization of names, months, days of the week, and holidays in written expression.		x									x	x
10.) Use concrete nouns and action verbs in written communication.		x			x						x	
11.) Write words and sentences legibly with proper spacing in manuscript.												
12.) Utilize research skills to collect and record information on a specific topic.		x			x					x	x	
13.) Locate information in reference material using alphabetical order.		x			x							
14.) Respond to various types of literature read aloud.	x	x							x			

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15.) Select appropriate voice tone, gestures, and facial expression to enhance meaning.												
<b>Grade 3</b>												
1.) Apply advanced phonetic analysis to multiple-syllable words, including consonants, short vowels, blends, long vowel markers, and r-controlled vowels.		x					x					
2.) Demonstrate reading vocabulary knowledge of compound words.		x						x				
3.) Use a wide range of strategies, including using context clues and predicting outcomes, to comprehend third-grade recreational reading materials in a variety of genres.	x	x							x			
4.) Use a wide range of strategies and skills, including retelling information, using context clues, and making inferences to identify main idea, to comprehend third-grade informational and functional reading materials.	x	x							x			

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5.) Compare poetry, folktales, and fables in respect to their genre characteristics.	x	x		x								
6.) Recognize linguistic and cultural similarities and differences in multicultural literature.		x		x								
7.) Compare fictional characters and events to real-life experiences.	x	x		x					x			
8.) Use text features to guide interpretation of expository texts, including italics, headings, maps, and charts.		x							x			
9.) Compose narrative texts using an introductory paragraph, specific time frames, clear sequencing of events, and a conclusion.		x								x	x	
10.) Apply mechanics in writing, including capitalization of proper nouns and titles of people and appropriate end marks, abbreviations, and commas with dates.		x									x	x
11.) Recognize nouns, verbs, pronouns, conjunctions, and adjectives in written texts.		x	x									x

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12.) Demonstrate retrieval skills needed to research a topic.		x			x					x	x	
13.) Demonstrate the ability to follow multistep oral directions.	x	x								x	x	
14.) Demonstrate eye contact, articulation, and appropriate voice intonation with oral narrative presentations.												
<b>Grade 4</b>												
1.) Demonstrate word recognition skills, including structural analysis.		x					x	x	x			
2.) Demonstrate reading vocabulary knowledge, including recognition of a variety of synonyms and antonyms.		x						x	x			
3.) Use a wide range of strategies, including distinguishing fiction from nonfiction and making inferences, to comprehend fourth-grade recreational reading materials in a variety of genres.	x	x	x	x					x			

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4.) Identify literary elements and devices, including characters, important details, and similes, in recreational reading materials and details in informational reading materials.		x							x			
5.) Use a wide range of strategies and skills, including using sentence structure, locating information, and distinguishing fact from fiction, to comprehend fourth-grade informational and functional reading materials.		x	x						x			
6.) Compare the genre characteristics of tall tales, fantasy, myths, and legends, including multicultural literature.	x	x		x					x			
7.) Compare story elements and the experiences and feelings of literary characters to students' lives.	x	x		x					x			
8.) Compose descriptive texts using an introductory paragraph, sensory details, vivid language, and a conclusion.		x		x						x	x	
9.) Respond in writing to open-ended questions.		x								x	x	

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10.) Apply mechanics in writing, including capitalization of business and friendly letter parts and envelope addresses and use of punctuation, including apostrophe with contractions; underlining or italicizing of book titles; and commas to separate items in a series and in a physical address.		x								x	x	x
11.) Demonstrate knowledge of subject-verb agreement with simple subjects and correct usage of regular and irregular verb forms.		x									x	x
12.) Organize information on a specific topic obtained from grade-appropriate reference materials.	x	x			x					x	x	
13.) Demonstrate eye contact, articulation, and appropriate voice intonation with descriptive presentations.												
14.) Identify strategies of a skillful listener, including attending to the listening task and assigning meaning to the message.	x	x										

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## Grade 5

1.) Demonstrate reading vocabulary knowledge, including recognition of multiple-meaning words.		x						x				
2.) Use a range of strategies, including drawing conclusions such as opinions about characters based on their actions and summarizing passages, to comprehend fifth-grade recreational reading materials in a variety of genres.	x	x							x			
3.) Recognize the use and effect of literary elements and devices, including setting, character traits, stated purpose, metaphors, and simple symbolism to gain information from various text formats, including tables and charts.		x							x			
4.) Use a wide range of strategies and skills, including using text features to gain meaning, summarizing passages, and drawing conclusions, to comprehend fifth-grade informational and functional reading materials.	x	x							x			

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5.) Compare the genre characteristics of autobiographies, biographies, and historical fiction, including multicultural literature.	x	x		x					x			
6.) Use text features, including indexes, tables, and appendixes, to guide interpretation of expository texts.		x							x			
7.) Compose expository texts using an introductory paragraph that includes a main idea; supporting paragraphs with a minimum of three reasons, explanations, or steps in a process; and a conclusion.		x								x	x	
8.) Express meaning through writing varied sentence structure, detailed paragraphs, and multi-paragraph compositions in an organized manner.		x								x	x	
9.) Apply mechanics in writing, including capitalization of first word in a direct quotation and use of punctuation, including quotation marks and comma with direct quotations, colon to introduce a list, and commas after introductory words, with a noun of direct address, and in a compound sentence.		x								x	x	x

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10.) Demonstrate knowledge of grammar and usage concepts, including subject-verb agreement with a compound subject; present, past, and future verb tenses; forms of adjectives; forms of nouns; and subject, object, and possessive pronouns.		x									x	x
11.) Use search strategies in the research process to identify reliable current resources and computer technology to locate information.		x			x							
12.) Demonstrate eye contact, articulation, and appropriate voice intonation with expository presentations.												
13.) Apply strategies of a skillful listener, including maintaining eye contact, attending to the listening task, and assigning meaning to the message.												

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<b>Alabama</b>  <b>2003</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>													
1.) Demonstrate concepts of number sense by using one-to-one correspondence, counting in sequence by ones from 1 to 20, counting backward from 10, recognizing numerals 0-9, and comparing sets of objects up to 10 by using vocabulary terms including more than, less than, most, or least.	x	x				x		x	x				
2.) Demonstrate addition by using numbers totaling 5 or less and subtraction by using numbers less than or equal to 5.	x	x				x		x	x				

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3.) Recognize that a whole object can be divided into parts.		x							x				
4.) Identify a penny, nickel, dime, and quarter.						x			x				x
5.) Replicate patterns using concrete objects.	x	x				x		x		x			
6.) Create combinations of rectangles, squares, circles, and triangles using shapes or drawings.	x	x						x			x		
7.) Identify rectangles, squares, circles, and triangles.	x	x				x					x		
8.) Use vocabulary associated with length, height, volume, and weight to compare objects.	x					x		x					x
9.) Use vocabulary associated with the measurement of time, including words related to clocks and calendars.						x		x					x

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10.) Complete data displays such as single-loop Venn diagrams and yes/no charts using real objects, concrete representations, or pictorial representations.						x		x				x	
<b>Grade 1</b>													
1.) Demonstrate concepts of number sense by counting forward and backward by ones, twos, fives, and tens up to 100; counting forward and backward from an initial number other than 1; and using multiple representations for a given number.	x	x	x			x		x	x				
2.) Demonstrate conceptual understanding of addition and subtraction by telling number stories; joining, separating, and comparing sets of objects; and applying signs (+ and -) to the actions of joining and separating sets.	x		x			x		x	x				

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3.) Demonstrate computational fluency of basic addition and subtraction facts by identifying sums to 10 and differences with minuends of 10 or less.													
4.) Identify parts of a whole with two, three, or four equal parts.		x							x				
5.) Create repeating patterns.	x	x				x		x		x			
6.) Solve problems using the identity and commutative properties of addition.	x		x					x		x			
7.) Demonstrate relationships between operations.	x		x			x		x	x	x			
8.) Differentiate among plane shapes, including circles, squares, rectangles, and triangles.	x	x				x					x		

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9.) Identify solid shapes in the environment, including cubes, rectangular prisms, cones, spheres, and cylinders.						x						x		
10.) Compare objects according to length, weight, and capacity.	x					x		x						x
11.) Identify the hour using analog and digital clocks.						x								x
12.) Locate days, dates, and months on a calendar.														
13.) Organize objects or information into pre-determined and labeled data displays, including pictographs, tally charts, bar graphs, or double-loop Venn diagrams.	x					x		x					x	

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## Grade 2

1.) Demonstrate concepts of number sense by using multiple representations of whole numbers up to 1000, counting forward and backward by threes from a given number, identifying a number that is 100 more or 100 less than a given number, and differentiating between odd and even numbers.			x					x	x			
2.) Apply the operations of addition and subtraction to solve problems involving two-digit numerals, using multiple strategies with and without regrouping.	x		x			x	x	x	x			
3.) Label equal parts of a whole using $\frac{1}{2}$ , $\frac{1}{3}$ , and $\frac{1}{4}$ .		x		x	x			x	x			
4.) Determine the monetary value of sets of coins and bills up to \$2.00.						x		x	x			x
5.) Create growing patterns.	x	x				x		x		x		

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6.) Solve problems using the associative property of addition.	x		x			x		x		x		
7.) Describe change over time in observable (qualitative) and measurable (quantitative) terms.	x	x						x		x		
8.) Describe attributes of two-dimensional (plane) and three-dimensional (solid) figures using the terms side, surface, edge, vertex, and angle.	x	x				x		x			x	
9.) Describe the route from one location to another by applying concepts of direction and distance.	x										x	
10.) Measure length in customary units, including inches, feet, and yards.						x		x				x
11.) Estimate weight and capacity by making comparisons with familiar objects.												

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12.) Tell time to the minute using analog and digital clocks.													
13.) Create displays for a given set of data using pictographs, tally charts, bar graphs, or single- or double-loop Venn diagrams, providing appropriate labels.	x					x		x				x	
14.) Determine if one event related to everyday life is more likely or less likely to occur than another event.													
<b>Grade 3</b>													
1.) Demonstrate number sense by comparing, ordering, and expanding whole numbers through 9999.			x					x	x				
2.) Solve addition and subtraction problems, including word problems, involving two- and three-digit numbers with and without regrouping.			x					x	x				

3.) Multiply whole numbers with and without regrouping using single-digit multipliers.	x		x			x	x	x	x			
4.) Divide whole numbers using two-digit dividends and one-digit divisors.	x		x			x	x	x	x			
5.) Model equivalent fractions with concrete objects or pictorial representations.		x		x	x	x		x	x			
6.) Use coins to make change up to \$1.00.						x		x	x			
7.) Complete a given numeric or geometric pattern.	x	x				x		x		x		
8.) Identify geometric representations for points, lines, perpendicular lines, parallel lines, angles, and rays.												
9.) Specify locations on a coordinate grid by using horizontal and vertical movements.												

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10.) Measure length in metric units.						x		x					x
11.) Determine elapsed time to the day with calendars and to the hour with a clock.													
12.) Recognize data as either categorical or numerical.													
13.) Determine the likelihood of different outcomes in a simple experiment.													
<b>Grade 4</b>													
1.) Demonstrate number sense by comparing and ordering decimals to hundredths and whole numbers to 999,999.			x					x	x				
2.) Write money amounts in words and dollar-and-cent notation.						x		x	x				x

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3.) Rename improper fractions as mixed numbers and mixed numbers as improper fractions.		x		x	x			x	x			
4.) Demonstrate addition and subtraction of fractions with common denominators.		x		x	x			x	x			
5.) Round whole numbers to the nearest ten, hundred, or thousand and decimals to the nearest tenth.			x					x	x			
6.) Solve problems, including word problems, that involve addition and subtraction of four-digit numbers with and without regrouping.			x					x	x			
7.) Solve problems, including word problems, involving the basic operations of multiplication and division on whole numbers through two-digit multipliers and one-digit divisors.	x		x			x		x	x			

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8.) Recognize equivalent forms of commonly used fractions and decimals.													
9.) Write number sentences for word problems that involve multiplication or division.			x			x		x		x			
10.) Complete addition and subtraction number sentences with a missing addend or subtrahend.													
11.) Identify triangles, quadrilaterals, pentagons, hexagons, or octagons based on the number of sides, angles, and vertices.	x	x				x					x		
12.) Find locations on a map or grid using ordered pairs.													
13.) Calculate elapsed time in hours and minutes.													

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14.) Measure length, width, weight, and capacity, using metric and customary units, and temperature in degrees Fahrenheit and degrees Celsius.	x	x						x					x
15.) Represent categorical data using tables and graphs, including bar graphs, line graphs, and line plots.													
16.) Determine if outcomes of simple events are likely, unlikely, certain, equally likely, or impossible.													
17.) Represent numerical data using tables and graphs, including bar graphs and line graphs.													
<b>Grade 5</b>													
1.) Demonstrate number sense by comparing, ordering, rounding, and expanding whole numbers through millions and decimals to thousandths.			x					x	x				

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2.) Solve problems involving basic operations on whole numbers, including addition and subtraction of seven-digit numbers, multiplication with two-digit multipliers, and division with two-digit divisors.			x					x	x				
3.) Solve word problems that involve decimals, fractions, or money.		x	x	x	x	x	x	x	x				
4.) Determine the sum and difference of fractions with common and uncommon denominators.		x		x	x			x	x				
5.) Identify numbers less than zero by extending the number line.													
6.) Demonstrate the commutative, associative, and identity properties of addition and multiplication of whole numbers.	x		x					x		x			
7.) Write a number sentence for a problem expressed in words.	x	x	x	x	x	x	x	x	x	x			

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8.) Identify regular polygons and congruent polygons.	x	x				x					x		
9.) Identify components of the Cartesian plane, including the x-axis, y-axis, origin, and quadrants.													
10.) Identify the center, radius, and diameter of a circle.													
11.) Estimate perimeter and area of irregular shapes using unit squares and grid paper.	x							x					x
12.) Calculate the perimeter of rectangles from measured dimensions.													
13.) Convert a larger unit of measurement to a smaller unit of measurement within the same system, customary or metric.													

14.) Analyze data collected from a survey or experiment to distinguish between what the data show and what might account for the results.						x		x				x	
15.) Use common fractions to represent the probability of events that are neither certain nor impossible.													

<b>Alabama</b>  <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><i>Kindergarten</i></b>												
1.) Classify objects as solids or liquids.	x	x			x	x	x		x		x	
2.) Identify the sun as Earth's source of light and heat.	x	x				x	x		x			x
3.) Relate a variety of sounds to their sources, including weather, animal, and transportation sounds.	x	x				x	x		x		x	
4.) Identify properties of motion, including change of position and change of speed.	x	x				x	x		x		x	

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5.) Predict whether an object will be attracted by a magnet.	x	x					x		x		x	
6.) Compare size, shape, structure, and basic needs of living things.	x	x				x	x		x	x		
7.) Classify objects using the five senses.	x	x			x	x	x		x			
8.) Identify features of Earth as landmasses or bodies of water.	x	x				x	x		x			x
9.) Identify seasons of the year.	x	x					x		x			x
10.) Identify objects observed in the day sky with the unaided eye, including the sun, clouds, moon, and rainbows.	x	x				x	x		x			x

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## Grade 1

1.) Select appropriate tools and technological resources needed to gather, analyze, and interpret data.							x		x			
2.) Identify basic properties of objects.	x	x			x	x	x		x			
3.) Describe effects of forces on objects, including change of speed, direction, and position.	x	x				x	x		x			
4.) Describe survival traits of living things, including color, shape, size, texture, and covering.	x	x		x	x	x	x		x	x		
5.) Identify parts of the human body, including the head, neck, shoulders, arms, spine, and legs.	x	x		x		x	x		x	x		
6.) Recognize evidence of animals that no longer exist.	x	x					x		x	x		

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7.) Identify components of Earth's surface, including soil, rocks, and water.	x	x		x			x		x			x
8.) Recognize daily changes in weather, including clouds, precipitation, and temperature.	x	x	x				x		x			x
9.) Identify ways to conserve Earth's resources.	x	x					x		x			
10.) Describe uses of recycled materials.	x	x					x		x			
11.) Compare the day sky to the night sky as observed with the unaided eye.	x	x				x	x		x			x
<b>Grade 2</b>												
1.) Identify states of matter as solids, liquids, and gases.	x	x				x	x		x			x
2.) Identify vibration as the source of sound.	x	x	x				x		x			x

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3.) Recognize that light travels in a straight line until it strikes an object.	x	x					x		x		x	
4.) Describe observable effects of forces, including buoyancy, gravity, and magnetism.	x	x	x	x			x		x		x	
5.) Identify the relationship of structure to function in plants, including roots, stems, leaves, and flowers	x	x					x		x	x		
6.) Identify characteristics of animals, including behavior, size, and body covering	x	x				x	x		x	x		
7.) Identify geological features as mountains, valleys, plains, deserts, lakes, rivers, and oceans.	x	x				x	x		x			x
8.) Identify evidence of erosion and weathering of rocks.	x	x		x			x		x			x
9.) Describe evaporation, condensation, and precipitation in the water cycle.	x	x	x	x			x		x		x	

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10.) Identify the impact of weather on agriculture, recreation, the economy, and society.	x	x					x		x			
11.) Identify basic components of our solar system, including the sun, planets, and Earth's moon.	x	x		x			x		x			x
<b>Grade 3</b>												
1.) Classify substances as soluble or insoluble.	x	x	x	x			x	x		x		x
2.) Identify physical and chemical changes of matter.	x	x	x	x			x	x		x		x
3.) Describe ways energy from the sun is used.	x	x					x		x	x		x
4.) Define force and motion.	x	x		x			x		x			x
5.) Identify the relationship of simple machines to compound machines.	x	x		x			x		x			x

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6.) Identify structures and functions of the muscular and skeletal systems of the human body.	x	x		x			x		x	x		
7.) Describe the life cycle of plants, including seed, seed germination, growth, and reproduction.	x	x	x	x	x	x	x		x	x		
8.) Identify how organisms are classified in the Animalia and Plantae kingdoms.	x	x		x	x	x	x		x	x		
9.) Describe how fossils provide evidence of prehistoric plant life.	x	x					x		x	x		
10.) Determine habitat conditions that support plant growth and survival.	x	x		x			x		x	x		
11.) Describe Earth's layers, including inner and outer cores, mantle, and crust.	x	x			x	x	x		x			x
12.) Identify conditions that result in specific weather phenomena, including thunderstorms, tornadoes, and hurricanes.	x	x		x		x	x		x			x

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13.) Describe ways to sustain natural resources, including recycling, reusing, conserving, and protecting the environment.	x	x		x			x		x	x		x
14.) Describe the position of Earth, the moon, and the sun during the course of a day or month.	x	x		x			x		x			x
<b>Grade 4</b>												
1.) Describe how electrical circuits can be used to produce light, heat, sound, and magnetic fields.	x	x	x		x	x	x		x		x	
2.) Compare different pitches of sound produced by changing the size, tension, amount, or type of vibrating material.	x	x					x		x	x	x	
3.) Recognize how light interacts with transparent, translucent, and opaque materials.	x	x	x				x		x		x	
4.) Describe effects of friction on moving objects.	x	x	x	x			x		x		x	

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5.) Describe the interdependence of plants and animals.	x	x	x	x		x	x		x	x		
6.) Classify animals as vertebrates or invertebrates and as endotherms or ectotherms.	x	x	x	x	x	x	x		x	x		
7.) Describe geological features of Earth, including bodies of water, beaches, ocean ridges, continental shelves, plateaus, faults, canyons, sand dunes, and ice caps.	x	x	x	x			x		x			x
8.) Identify technological advances and other benefits of space exploration.	x	x	x				x	x	x			x
9.) Describe the appearance and movement of Earth and its moon.	x	x		x			x		x			x
10.) Describe components of our solar system.	x	x	x	x			x	x	x			x

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## Grade 5

1.) Identify evidence of chemical changes through color, gas formation, solid formation, and temperature change.	x	x		x			x		x		x	
2.) Define mass, volume, and density.	x	x	x	x			x		x		x	
3.) Use everyday indicators to identify common acids and bases.	x	x		x		x	x		x		x	
4.) Describe forms of energy, including chemical, heat, light, and mechanical.	x	x	x	x		x	x		x		x	
5.) Contrast ways in which light rays are bent by concave and convex lenses.	x	x		x		x	x		x		x	
6.) Compare effects of gravitational force on Earth, on the moon, and within space.	x	x		x			x		x		x	

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7.) Identify common parts of plant and animal cells, including the nucleus, cytoplasm, and cell membrane.	x	x	x			x	x		x	x		
8.) Identify major body systems and their functions, including the circulatory system, respiratory system, excretory system, and reproductive system.	x	x		x		x	x	x	x	x		
9.) Describe the relationship of populations within a habitat to various communities and ecosystems.	x	x		x			x		x	x		
10.) Identify spheres of Earth, including the geosphere, atmosphere, and hydrosphere.		x	x	x			x		x			x
11.) Compare distances from the sun to planets in our solar system.	x	x		x			x	x	x			x

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<b>Alabama</b>  <b>2004</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><i>Kindergarten</i></b>													
1.) Use daily schedules and timelines from birth to present to relate self and family to changes over time.	x	x	x	x									
2.) Compare families of today with families of the past in relation to work, home, and school.	x	x			x	x						x	
3.) Identify historically significant events as they relate to self and family.	x	x	x	x					x			x	
4.) Identify personal use of goods and services.	x	x								x			

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5.) Identify personal wants and needs.	x	x			x					x			
6.) Identify vocabulary related to location and direction.	x	x	x	x							x		
7.) Identify representations of Earth using technology, maps, and globes.	x	x									x		
8.) Describe effects of different seasons on self and family.	x	x			x					x	x		
9.) Describe ways people celebrate their diverse cultural heritages.	x	x	x	x							x		
10.) Discuss rights and responsibilities of individuals in relation to different social groups, including family, peer group, and classmates.	x	x	x	x					x				
11.) Identify historic symbols of patriotism.	x	x	x	x					x			x	

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## Grade 1

1.) Identify past and present modes of air, land, and water transportation.	x	x	x	x	x						x	x	x
2.) Describe how primary sources serve as historical records of families and communities.	x	x											
3.) Identify historical events and celebrations in communities and cities throughout Alabama.	x	x	x	x					x			x	
4.) Describe the role of money in everyday life.	x	x			x					x			
5.) Label human-made and natural resources in Alabama.	x	x	x	x	x					x			
6.) Identify land masses, bodies of water, and other physical features of Earth on maps and globes.	x	x	x	x							x		
7.) Identify ways to take personal action to protect the environment.	x	x	x	x							x		

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8.) Identify how occupational and recreational opportunities in Alabama and local communities are affected by the physical environment.	x	x	x	x	x						x		
9.) Identify traditions of a variety of cultures in Alabama and local communities.	x	x	x	x					x		x		
10.) Discuss civic responsibilities of participating members of a community and state.	x	x	x	x					x				
11.) Identify roles and responsibilities of leaders within the community and state.	x	x	x	x					x				
<b>Grade 2</b>													
1.) Compare features of modern-day living to those of the past.	x	x	x	x	x	x	x	x	x	x	x	x	
2.) Identify past and present contributions of a variety of individuals who have overcome difficulties or obstacles to achieve goals.	x	x	x	x			x	x	x			x	x

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3.) Discuss historical and current events within the state and the nation that are recorded in a variety of resources.	x	x	x	x			x	x	x			x	
4.) Discuss celebrations in the United States and around the world.	x	x	x	x			x	x	x		x	x	x
5.) Explain the relationship between the production and distribution processes.	x	x					x			x			
6.) Identify human-made and natural resources in the world.	x	x	x	x	x						x		
7.) Describe ways people throughout the affected by their geographic environments.	x	x	x	x	x		x	x			x		
8.) Identify continents, oceans, and the equator using technology, maps, and globes.	x	x	x	x							x		
9.) Describe rights and responsibilities of citizens of the United States.	x	x	x	x			x		x				

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10.) Discuss ways in which people in authority gain the right to direct or control others.	x	x	x	x			x		x				
11.) Explain how the diversity of people and customs in the United States and the world affect viewpoints and ideas.	x	x	x	x			x	x				x	x

**Grade 3**

1.) Locate the prime meridian, equator, tropic of Capricorn, tropic of Cancer, international date line, and lines of latitude and longitude on maps and globes.	x	x	x	x							x		
2.) Describe physical characteristics, including landforms, bodies of water, soil, and vegetation of various places on Earth.	x	x	x	x			x				x	x	
3.) Identify components of various ecosystems.	x	x	x	x	x	x					x		
4.) Locate population shifts due to geographic, economic, and historic changes in the Western Hemisphere.	x	x						x			x		

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5.) Identify national and international trading patterns of the United States.	x	x	x	x						x	x		
6.) Identify conflicts involving use of land, economic competition for scarce resources, different political views, boundary disputes, and cultural differences within and between different geographic areas.	x	x	x	x		x			x		x		
7.) Describe the relationship between locations of resources and patterns of population distribution in the Western Hemisphere.	x	x	x	x			x			x	x		
8.) Identify geographic links of land regions, river systems, and interstate highways between Alabama and other states.	x	x	x	x		x	x	x	x	x	x		
9.) Identify ways to prepare for natural disasters in the United States.	x	x	x	x			x	x			x		
10.) Describe characteristics and migration patterns of human populations in the Western Hemisphere.	x	x	x	x			x	x			x		

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11.) Identify significant historical sites in Alabama, including locations of civil rights activities.	x	x	x	x				x			x	x	
<b>Grade 4</b>													
1.) Identify historical and current economic, political, and geographic information about Alabama on thematic maps.	x	x	x	x									
2.) Describe cultures, governments, and economies of prehistoric and historic Native Americans in Alabama.	x	x	x	x			x	x			x	x	
3.) List reasons for European exploration and settlement in Alabama and the impact of Europeans on trade, health, land expansion, and tribal reorganization of Native American populations in Alabama.	x	x	x	x			x	x			x	x	x
4.) Describe the relationship of the five geographic regions of Alabama to the movement of Alabama settlers during the early nineteenth century.	x	x	x	x			x	x			x		

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5.) Describe Alabama's entry into statehood, including Alabama's constitutions and the three branches of government.	x	x	x	x			x	x	x		x	x	
6.) Identify cultural, economic, and political aspects of the lifestyles of early nineteenth-century farmers, plantation owners, slaves, and townspeople.	x	x	x	x				x				x	
7.) Identify reasons for Alabama's secession from the Union, including sectionalism, slavery, state rights, and economic disagreements.	x	x	x	x				x				x	
8.) Explain Alabama's role in and economic support of the Civil War.	x	x	x	x			x	x				x	
9.) Describe political, social, and economic conditions in Alabama during Reconstruction.	x	x	x	x			x	x				x	
10.) Describe significant social and educational changes in Alabama during the late nineteenth and early twentieth centuries.	x	x	x	x			x	x				x	

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11.) Describe the impact of World War I on Alabamians.	x	x	x	x			x	x				x	
12.) Explain effects of the events of the 1920s and the Great Depression on different socioeconomic groups.	x	x	x	x			x	x				x	
13.) Describe the economic and social impact of World War II on Alabamians.	x	x	x	x			x	x				x	
14.) Describe the social, political, and economic impact of the modern Civil Rights Movement on Alabama.	x	x	x	x			x	x				x	
15.) Identify major world events that have impacted Alabama since 1950.	x	x	x	x			x	x				x	
16.) Describe the impact of population growth on cities, major road systems, demographics, natural resources, and the natural environment of Alabama during the twentieth century.	x	x	x	x			x	x		x		x	

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## Grade 5

1.) Locate physical features that impacted the exploration and settlement of the Americas.	x	x	x	x							x	x		
2.) Identify causes and effects of prehistoric migration and settlement in North America.	x	x						x				x		
3.) Compare major Native American cultures in respect to geographic region, natural resources, government, economy, and religion.	x	x	x	x	x	x		x				x		
4.) Explain effects of European exploration during the Age of Discovery upon European society and Native Americans, including the economic and cultural impact.	x	x	x	x				x	x				x	x
5.) Describe the early colonization of North America and reasons for settlement in the Northern, Middle, and Southern colonies.	x	x	x	x				x	x				x	
6.) Identify the impact of trade routes on emerging colonies in the Americas.	x	x	x	x				x	x				x	

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7.) Identify events leading to the American Revolution, including the French and Indian War, the Stamp Act, the Intolerable Acts, the Boston Massacre, and the Boston Tea Party.	x	x	x	x			x	x				x	
8.) Identify major events of the American Revolution, including the Battles of Lexington and Concord, the Battle of Bunker Hill, the Battle of Saratoga, and the Battle of Yorktown.	x	x	x	x			x	x				x	
9.) List steps involved in the development of the Constitution of the United States, including inadequacies of the Articles of Confederation and struggles over the ratification of the Constitution.	x	x	x	x			x	x				x	
10.) Describe political, social, and economic events between 1803 and 1860 that led to the expansion of the territory of the United States.	x	x	x	x			x	x				x	
11.) Explain causes of and major events occurring during the War of 1812.	x	x	x	x			x	x				x	

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12.) Identify causes of the Civil War from the northern and southern viewpoints.	x	x	x	x		x	x	x				x	
13.) Identify social, political, and economic changes that occurred during Reconstruction.	x	x	x	x			x	x				x	

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