

OPEN WIDE AND TREK INSIDE		
Alabama Science Standards: Grade 1		
Lesson	Standard	Descriptor
3	1	Select appropriate tools and technological resources needed to gather, analyze, and interpret data. • Examples: platform balances, hand lenses, computers, maps, graphs, journals
1, 2, 3	2	Identify basic properties of objects. • Examples: size, shape, color, texture
4	4	Describe survival traits of living things, including color, shape, size, texture, and covering. • Describing a variety of habitats and natural homes of animals
Alabama Mathematics Standards: Grades 1 & 2		
Grade 1		
Lesson	Standard	Descriptor
2	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.
2	3	Demonstrate computational fluency of basic addition and subtraction facts by identifying sums to 10 and differences with minuends of 10 or less.
2	10	Compare objects according to length, weight, and capacity. • Ordering according to attributes
1, 2	13	Organize objects or information into predetermined and labeled data displays, including pictographs, tally charts, bar graphs, or double-loop Venn diagrams. • Generating simple questions for data collection
Grade 2		
2, 3	7	Describe change over time in observable (qualitative) and measurable (quantitative) terms. • Examples: recognizing that a plant grew taller (qualitative, requiring observation); recognizing that a plant grew three inches (quantitative, requiring measurement)
3	10	Measure length in customary units, including inches, feet, and yards. • Using metric units • Using appropriate tools, including rulers, yard sticks, meter sticks, or tape measures
1, 2	13	Create displays, including appropriate labels, for a given set of data using pictographs, tally charts, bar graphs, or single- or double-loop Venn diagrams. • Interpreting graphic displays

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Alabama English Language Arts Standards: Grades 1 & 2		
Grade 1		
Lesson	Standard	Descriptor
All lessons	3	Demonstrate vocabulary skills, including sorting words into categories and deriving word meaning from context within sentences and paragraphs. <ul style="list-style-type: none"> • Using new words from reading when writing and speaking • Recognizing words in the environment • Asking questions for clarification • Spelling correctly sight words and single-syllable, phonetically regular words
4, 6	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. <ul style="list-style-type: none"> • Recognizing cues provided by print • Making predictions from text clues • Stating main ideas about a topic in informational text • Connecting events in a story to specific life experiences • Monitoring comprehension during reading • Drawing simple conclusions
All lessons	8	Use complete sentences to address a topic or tell a story. <ul style="list-style-type: none"> • Using graphic organizers to outline content • Rereading to make revisions • Editing for spelling, punctuation, and capitalization • Publishing final draft • Using descriptive, narrative, and expository modes of writing • Writing simple poems addressing a topic
All lessons	9	Use periods at the end of sentences and capitalization at the beginning of sentences and with the pronoun I. <ul style="list-style-type: none"> • Using question marks at the end of asking sentences
All lessons	11	Exhibit proper letter formation, spacing, and letter-line placement in words and sentences.
1, 2, 3	12	Collect information from print and nonprint resources to investigate a teacher- or student-selected topic. <ul style="list-style-type: none"> • Generating oral and written questions to gather information • Using parts of a book to locate information • Using alphabetical order to the first letter to access information • Interpreting information from simple charts, maps, graphs, and directions
All lessons	13	Listen for meaning in conversations and discussions, including looking at the speaker without interrupting. <ul style="list-style-type: none"> • Following two- and three-part oral directions • Making connections to literature read aloud

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All lessons	14	<p>Use appropriate intonation when speaking and interacting with others.</p> <ul style="list-style-type: none"> • Using grammar and word choice appropriate for a specific audience • Reciting poems, rhymes, songs, and stories • Demonstrating the ability to take turns in a conversation • Expanding vocabulary reflective of a growing range of interests and knowledge • Using pictures, objects, music, and computer resources to present information • Using the writing process to prepare oral presentations
Grade 2		
Lesson	Standard	Descriptor
All lessons	3	<p>Exhibit vocabulary skills, including explaining simple common antonyms and synonyms and using descriptive words.</p> <ul style="list-style-type: none"> • Responding to questions • Using semantic cues to achieve meaning • Recognizing words in the environment • Using new words from independent reading of stories and texts • Recognizing possessive forms • Using correct spelling, including spelling of sight words, spelling of unfamiliar words using phonetic strategies, and checking spelling with a dictionary • Identifying multiple-meaning words
All lessons	4	<p>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.</p> <ul style="list-style-type: none"> • Relating events and ideas to specific life experiences • Answering what if, why, and how questions • Identifying characters
All lessons	8	<p>Organize sentences into a paragraph to address a topic or tell a story.</p> <ul style="list-style-type: none"> • Sorting information using graphic organizers • Generating a topic sentence and a concluding sentence in a paragraph • Drafting a written piece, including an introductory paragraph and a concluding paragraph • Editing for spelling, punctuation, capitalization, and sentence variety • Publishing final draft • Using descriptive, narrative, and expository modes of writing
All lessons	10	<p>Use concrete nouns and action verbs in written communication.</p> <ul style="list-style-type: none"> • Describing nouns using adjectives in writing • Substituting nouns with pronouns in writing • Using singular and plural nouns in writing
All lessons	11	<p>Write words and sentences legibly with proper spacing in manuscript.</p> <ul style="list-style-type: none"> • Forming upper- and lower-case letters in cursive

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All lessons	14	Respond to various types of literature read aloud. <ul style="list-style-type: none"> • Focusing attention on a speaker without interrupting • Following multistep oral directions • Interpreting presented information
Alabama Health Education Standards: Grades 1 & 2		
Grade 1		
Lesson	Standard	Descriptor
4, 5, 6	2	List products and devices that protect health.
4, 5, 6	7	Identify ways personal health choices are influenced by peers, media, family, and the community.
4, 6	8	Define a personal health goal.
1, 2, 4, 5	9	Demonstrate proper personal health practices.
All lessons	16	Identify ways in which germs enter the body.
Grade 2		
2	2	Identify agencies and appropriate individuals in the community that provide help and emergency services.
5, 6	7	Identify activities that encourage healthy behavior.
1, 2, 5, 6	8	Demonstrate progress toward a personal health goal. <ul style="list-style-type: none"> • Examples: maintaining cleanliness, practicing good dental hygiene, getting along with others
3, 4, 5, 6	14	Identify causes of illness and chronic disease.