

OPEN WIDE AND TREK INSIDE		
Louisiana Grade-Level Expectations: Science – Grades 1 – 2		
Lesson	GLE	Descriptor
1, 2, 3, 4	SI-E-A1	Ask questions about objects and events in the environment (e.g., plants, rocks, storms)
1, 2, 3, 5	SI-E-A1	Pose questions that can be answered by using students' own observations and scientific knowledge
1, 2, 3, 5	SI-E-A2	Predict and anticipate possible outcomes
1, 2, 3, 5	SI-E-A2	Use observations to design and conduct simple investigations or experiments to answer testable questions (2)
1, 2, 3	SI-E-A2	Use a variety of methods and materials and multiple trials to investigate ideas (observe, measure, accurately record data)
1, 2, 3	SI-E-A3	Use the five senses to describe observations
3	SI-E-A4	Measure and record length and temperature in both metric system and U.S. system units
2, 3	SI-E-A4	Select and use developmentally appropriate equipment and tools and units of measurement to observe and collect data
1, 2, 3	SI-E-A5 SI-E-B4	Express data in a variety of ways by constructing illustrations, graphs, charts, tables, concept maps, and oral and written explanations as appropriate
1, 2, 3, 5	SI-E-A6	Use a variety of appropriate formats to describe procedures and to express ideas about demonstrations or experiments (e.g., drawings, journals, reports, presentations, exhibitions, portfolios)
1, 2, 3	SI-E-A7	Identify and use appropriate safety procedures and equipment when conducting investigations (e.g., gloves, goggles, hair ties)
4	SI-E-B3	Recognize that a variety of tools can be used to examine objects at different degrees of magnification (e.g., hand lens, microscope)
2	PS-E-A1	Sort a group of objects by using multiple characteristics (1)
4	LS-E-A1	Identify what animals and plants need to grow and develop (1)
1, 2	LS-E-A3	Describe basic functions of parts of the body (e.g., lungs, heart, bones, muscles) (1)
4	LS-E-C1	Describe features of some animals that benefit them in their environments (1)
Louisiana Grade-Level Expectations: Mathematics – Grades 1 – 2		
Grade 1		
Lesson	GLE	Descriptor
2, 5	N-2-E N-8-E	Apply estimation strategies to estimate the size of groups up to 20
2, 5	N-4-E N-6-E	Know the basic facts for addition and subtraction and use them to solve real-life problems

LOUISIANA ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

	N-8-E	
3	M-1-E M-2-E	Measure length to the nearest inch and centimeter using appropriate tools
3	M-2-E	Identify the thermometer as a tool for measuring temperature
2	D-1-E D-2-E	Given a set of data, construct and read information from bar graphs and charts
Grade 2		
2, 5	N-2-E	Make reasonable estimates of the number of objects in a collection with fewer than 100 objects
2, 5	N-5-E N-6-E N-7-E N-8-E N-9-E	Know all basic facts for addition and subtraction and use them to solve real-life problems
3	M-1-E	Read a thermometer in degrees Fahrenheit and Celsius and interpret the temperature
3	M-2-E	Select and use appropriate tools and units to measure length, time, capacity, and weight (e.g., scales for pounds and kilograms; rulers for inches and centimeters; measuring containers for cup, quarts, and liters)
1, 2, 3	D-1-E	Collect and organize data using observations, surveys, and experiments
2, 3	D-3-E	Generate questions that can be answered by collecting and analyzing data
2, 5	P-3-E N-9-E	Recognize and apply patterns in problem-solving in other content areas and real-life situations
Louisiana Grade-Level Expectations: English Language Arts – Grades 1 – 2		
Grade 1		
Lesson	GLE	Descriptor
4	ELA-1-E1	Use pictures and context clues to confirm meaning of unfamiliar words
1, 2, 3, 4, 6	ELA-1-E3	Demonstrate ability to read and follow two-step written directions
1, 4	ELA-1-E4	Identify story elements, including: speaker or narrator, setting, characters, plot, and problems and solutions
1, 4	ELA-1-E5	Retell a story’s beginning, middle, and end
1, 4	ELA-1-E5	Retell important facts from informational text
1, 4	ELA-7-E4	Apply basic reasoning skills, including: identifying simple causes and effects in stories, telling differences between reality and fantasy in texts, and formulating questions beginning with who, what, when, where, and why about texts read independently
All lessons	ELA-2-E4	Independently write a variety of grade-appropriate compositions, including: simple letters, notes, and stories, simple

LOUISIANA ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

		informational descriptions, and simple rhymes and poems
All lessons	ELA-3-E1	Write a legible sentence demonstrating proper figure grounding on a line and appropriate spacing between words
All lessons	ELA-3-E5	Spell grade-appropriate words, including: one-syllable words and selected grade-appropriate two-syllable words with regular spellings for long- and short-vowel sounds, and high-frequency, grade-level words including words with irregular spellings, such as was, were, says, said, who, what, and why
All lessons	ELA-3-E5	Create phonetically spelled written work that can be read by the writer and others
All lessons	ELA-4-E1	Speak clearly at a speed and volume appropriate for purpose and setting
All lessons	ELA-4-E2	Follow classroom procedures (e.g., organizing materials) according to teacher directions
All lessons	ELA-4-E2	Give or explain directions for simple processes (e.g., explaining an assignment) to classmates
All lessons	ELA-4-E2	Ask questions to clarify directions and/or classroom routines.
All lessons	ELA-4-E5	Use active listening strategies (e.g., making eye contact, asking questions, restating acquired information and procedures) to acquire information and understand procedures
1, 2, 6	ELA-4-E6	Listen and orally respond to information presented in a variety of media, such as audio and video recordings
All lessons	ELA-4-E7	Engage in discussions about classroom procedures and rules
1, 2, 3, 4, 5	ELA-5-E2	Use various sources, including print materials and observations, to gather information to explain a topic
1, 2, 3	ELA-5-E3	Record data through pictures or words
1, 2	ELA-5-E3	Use graphic organizers to categorize information and create informal outlines individually and during class discussions
1, 2	ELA-5-E6	Locate and read information on simple charts and graphs
Grade 2		
Lesson	GLE	Descriptor
1, 4	ELA-1-E5	Retell a story in sequence including main idea and important supporting details
1, 4	ELA-1-E6	Make statements about how previous reading and life experiences relate to information read in texts
1, 4	ELA-7-E1	Demonstrate understanding of information in texts using a variety of strategies, including: comparing and contrasting story elements (e.g., character, setting, events), predicting what will happen next in a story or a text, making simple inferences about information in texts, and self-monitoring consistently for comprehension using multiple strategies and self-correcting as appropriate
1, 4	ELA-7-E4	Apply basic reasoning skills, including: discussing the relationship between cause-effect and asking questions about texts read independently including why and how
All lessons	ELA-2-E1	Write compositions of one or more paragraphs, organized with a central idea and a coherent beginning, middle, and end
All lessons	ELA-2-E2	Use a greater variety of action and descriptive words when writing for a specific purpose and/or audience
All lessons	ELA-2-E6	Write for various purposes, including: letters or invitations that include relevant information and follow a letter/envelope format, informal writing, including messages, journals, notes, and poems
All lessons	ELA-3-E1	Write legible short paragraphs using proper indentation

LOUISIANA ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

All lessons	ELA-3-E2	Use standard English punctuation
All lessons	ELA-4-E1	Adjust speaking tone and volume to suit purpose, audience, and setting
All lessons	ELA-4-E2	Give/relate multi-step directions to classmates
1, 4	ELA-4-E3	Tell and retell stories with the following included: sequential order, including setting, character, and simple plot, supportive facts and details from the story, and explicit and implicit main ideas
3	ELA-4-E4	Adjust language during a presentation in order to inform or explain to a specific audience
3	ELA-4-E4	Deliver informal presentations that demonstrate an understanding of a topic
All lessons	ELA-4-E5	Use active listening strategies, including asking for clarification and explanations
All lessons	ELA-4-E5	Give oral responses, including: telling stories and personal experiences, and giving explanations and reports
All lessons	ELA-5-E3	Gather and arrange information in a variety of organizational forms, including graphic organizers, simple outlines, notes, and summaries
1, 2	ELA-5-E6	Locate and read information on a chart, graph, diagram, map, and simple timeline

Louisiana Health Education Content Standards: Grades K – 4

Lesson	Benchmark	Descriptor
1, 2	1-E-1	Recognize basic body parts and describe the structure and function of the human body system
1, 2, 4, 5	1-E-2	Demonstrate personal health habits that promote optimal health; (i.e., good nutrition, brushing teeth, washing hands, exercise, etc.)
4, 5, 6	1-E-3	Compare and contrast personal health behaviors and individual well being
3, 4, 5, 6	1-E-4	Identify common childhood health problems/illnesses and the corresponding prevention and treatment
4, 5, 6	2-E-1	Identify characteristics of valid health information and health-promoting products and services
4, 5, 6	3-E-1	Identify personal health needs
1, 2, 5, 6	3-E-2	Demonstrate responsible personal health behaviors
3, 4, 5, 6	4-E-4	Discuss how information from school and family influences health
All lessons	5-E-2	Demonstrate ways to communicate care, consideration, and respect of self and others
4, 5	5-E-3	Apply a decision-making process to address personal health issues and problems
5, 6	5-E-6	Establish personal health goals and track progress toward its achievement
5, 6	6-E-3	Demonstrate the ability to communicate information that promotes positive health choices