

OPEN WIDE AND TREK INSIDE

Oklahoma Priority Academic Student Skills – Science Processes and Inquiry – Grades 1 & 2

Lesson	Standard	Description
2, 3	1.1	Observe and measure objects, organisms and/or events using developmentally appropriate nonstandard units of measurement (e.g., hand, paper clip, book); and Systems International (SI) units (i.e., meters, centimeters, and degrees Celsius).
1, 2, 3	1.2	Compare and contrast similar and/or different characteristics in a given set of simple objects, familiar organisms and/or observable events.
1, 2, 3	2.1	Classify a set of simple objects, familiar organisms, and/or observable events by observable properties.
2	2.2	Arrange simple objects, familiar organisms, and/or observable events in a serial order (e.g., least to greatest, tallest to shortest).
All lessons	3.1	Ask a question about objects, organisms, or events in the environment.
2, 3	3.2	Plan and conduct a simple investigation.
3	3.3	Employ simple equipment and tools such as magnifiers, thermometers, and rulers to gather data.
3	3.4	Recognize potential hazards and practice safety procedures in all science activities.
2, 3	4.1	Interpret pictures, simple bar graphs, and/or tables.
2, 3, 5, 6	4.2	Recognize and describe patterns, then make predictions based on patterns.
1, 2, 3	4.3	Communicate the results of a simple investigation using drawings, tables, graphs, and/or written and oral language.

Oklahoma Priority Academic Student Skills – Science – Grade 1

Lesson	Standard	Description
All lessons	1.1	Objects have properties that can be observed, described, and measured.
1, 2, 3	1.2	Using the five senses, objects can be grouped or ordered by physical properties.
1, 4, 5, 6	2.1	Plants and animals need to take in air, water, and food. In addition, plants need light.
1, 2, 3	2.2	Scientists use the five senses and tools (e.g., magnifiers and rulers) to gather information, such as size and shape about living things.

Oklahoma Priority Academic Student Skills – Mathematics Process Standards – Grades 1 - 5

Lesson	Standard	Description
3, 5	1.1	Use problem-solving approaches (e.g., act out situations, represent problems with drawings and lists, use concrete, pictorial, graphical, oral, written, and/or algebraic models, understand a problem, devise a plan, carry out the plan, look back).
2, 5	2.1	Express mathematical ideas coherently and clearly to peers, teachers, and others (e.g., with verbal ideas, models or manipulatives, pictures, or symbols).
2, 5	2.3	Relate manipulatives, pictures, diagrams, and symbols to mathematical ideas.
2, 5	3.1	Explain mathematical situations using patterns and relationships (e.g., identify patterns in situations, represent patterns in a variety of ways, extend patterns to connect with more general cases).
2, 3, 5	5.2	Use representations to model and interpret physical, social, and mathematical situations (e.g., counters, pictures, tally marks, number sentences, geometric models; translate between diagrams, tables, charts, graphs).

Oklahoma Priority Academic Student Skills – Mathematics Content Standards – Grades 1 & 2

Lesson	Standard	Description
2, 5	1.1	Describe, extend and create a variety of patterns using concrete objects (e.g., sort a bag of objects by attributes and orally communicate the pattern for each grouping). (1)
2, 5	1.1	Describe, extend, and create patterns using symbols, shapes or designs (e.g., repeating and growing patterns made up of sets of shapes or designs, create patterns by combining different shapes and taking them apart). (2)
2, 5	2.3	Develop and use strategies of estimation (e.g., compose, decompose and regroup numbers, use knowledge of 10 to estimate quantities and sums [two numbers less than 10 can not add up to more than 20], use body parts to estimate measurements). (2)
2, 5	3.1.b	Perform addition by joining sets of objects and subtraction by separating and by comparing sets of objects. (1)
2, 5	4.1.c	Use language to describe relationships of objects in space (e.g., above, below, behind, between). (1)
1, 2, 3, 5	5.1	Organize, describe, and display data using concrete objects, pictures, grids, and numbers. (1) Collect, sort, organize, and display data in charts, bar graphs, and tables (e.g., collect data on teeth lost and display results in a chart). (2)
1, 2, 3, 5	5.2	Formulate and solve problems that involve collecting and analyzing data common to children’s lives (e.g., color of shoes, numbers of pets, favorite foods).

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1, 2, 3, 5	5.2	Summarize and interpret data in charts, bar graphs, and tables. (2)
2, 3, 5	5.3	Make predictions and estimates to describe data (e.g., predict what data on teeth lost might look like for younger children and/or older children). (2)
Oklahoma Priority Academic Student Skills – Language Arts – Grades 1 & 2		
Lesson	Standard	Description
1, 2, 3, 4, 6	4.1	Increase personal vocabulary by listening and reading a variety of literature. (1- Reading)
1, 2, 3, 4, 6	4.2	Discuss unfamiliar oral and/or written vocabulary after listening to or reading texts. (1 – Reading)
1, 4, 6	5.1.c	Ask and respond to questions to aid comprehension about important elements of fiction and nonfiction. (2 – Reading)
1, 4, 6	5.2.a	Make inferences about events, characters, and ideas in fictional texts by connecting knowledge and experience to the story. (2 – Reading)
1, 4, 6	6.2	Inferences and Interpretations - Make simple inferences based on what is stated in text. (1 – Reading)
1, 4, 6	6.3.b	Respond to who, what, when, where, why, and how questions and discuss the main idea of what is read. (1 – Reading)
1, 2, 3, 4, 6	6.3.c	Draw and discuss visual images based on text information. (1 – Reading)
1, 2, 4, 6	7.2	Interpreting Information – Analyze and evaluate information from a variety of sources. (2 – Reading)
1, 2, 3, 4, 6	8.1.b	Read and follow simple written directions. (1 – Reading)
1, 2, 3, 4, 6	2.1	Recognize that language has many uses such as informing, persuading, and entertaining. (2 – Writing)
All lessons	2.3	Make journal entries. (1 – Writing)
All lessons	2.4	Make journal entries. (2 – Writing)
2, 3, 4, 6	2.5	Write brief descriptions of a real object, person, place, or event using some details. (1 – Writing)
All lessons	3.6	Handwriting: Students are expected to demonstrate appropriate handwriting in the writing process. (Writing)
All lessons	1.1	Listen attentively and ask questions for clarification and understanding. (Listening)
All lessons	1.2	Give, restate, and follow simple two-step directions. (Listening)
All lessons	2.2	Provide descriptions using correct sequence of events and details. (2 – Speaking)
All lessons	2.6	Provide descriptions with careful attention to sensory detail. (1 – Speaking)
All lessons	3.2	Make contributions in group discussions. (1 – Speaking) Ask and answer questions related to the topic and make contributions in small or large group discussions. (2 – Speaking)

Oklahoma Priority Academic Student Skills – Health and Safety Literacy – Grades 1 - 4

Lesson	Standard	Description
3, 5, 6	1.4	Name signs and symptoms for eye, ear, and dental problems and demonstrate good practices of self-care.
1, 2, 5	1.11	Identify the basic structure and functions of the human body systems.
5, 6	2.1	Identify the need for medical checkups and other health-care procedures and the role of health-care workers.
5, 6	3.1	Identify and practice good personal health habits.
5	3.6	Investigate the role of breakfast in providing energy for school and play; describe reasons for eating a variety of healthy foods and list their sources.
3, 4, 5, 6	6.2	Examine decision-making skills related to personal behavior which may be healthy or unhealthy (e.g., obeying pedestrian rules).
3, 4, 5, 6	6.3	Demonstrate the ability to apply a decision-making process to health and safety issues and problems.