OPEN WIDE AND TREK INSIDE

Colorado Model Content Standards: Science – Grades K – 2

Lesson	Standard	Descriptor
1, 2, 3, 5, 6	1.1	Use their senses to make and describe careful observations.
2, 3, 5	1.2	Ask questions and make predictions.
3	1.3	Conduct simple experiments using tools and technology *(for example: computers, thermometers, magnifiers, rulers, balances).*
1, 2, 3	1.4	Record data, report on findings, and explain with reasons.
1, 2, 3, 4	3.1	An organism (plant, animal) is a living thing that has physical characteristics that help it to survive.
2	3.2	Offspring have characteristics that are similar to but not exactly like their parents.
1, 4, 5	3.5	Organisms interact with each other and with nonliving parts of their environment to meet their basic needs *(for example: food, water, air, shelter, space).*
2	5.1	Basic observable patterns and changes in the world can help predict future events based on those patterns *(for example: seasonal weather patterns, day/night).*

Colorado Model Content Standards: Mathematics – Grades K – 4

Lesson	Standard	Benchmark
2, 5	1.2	Read and write whole numbers and know place-value concepts and numeration through their relationships to counting, ordering, and grouping.
1, 2, 3, 5	1.3	Use numbers to count, to measure, to label, and to indicate location.
2	2.1	Reproduce, extend, create, and describe patterns and sequences using a variety of materials (for example, beans, toothpicks, pattern blocks, calculators, unifix cubes, colored tiles).
1, 2, 3	2.2	Describe patterns and other relationships using tables, graphs, and open sentences.
2, 3, 5	2.4	Observe and explain how a change in one quantity can produce a change in another (for example, the relationship between the number of bicycles and the numbers of wheels).
1, 2, 3	3.1	Construct, read, and interpret displays of data including tables, charts, pictographs, and bar graphs.
1, 2, 3, 5	3.2	Interpret data using the concepts of largest, smallest, most often, and middle.
1, 2	4.1	Recognize shapes and their relationships (for example, symmetry, congruence) using a variety of materials (for example, pasta, boxes, pattern blocks).
3	5.1	Know, use, describe, and estimate measures of length, perimeter, capacity, weight, time, and temperature.

2, 4, 5	5.2	Compare and order objects according to measurable attributes (for example, longest to shortest, lightest to heaviest).
2, 3	5.3	Demonstrate the process of measuring and explain the concepts related to units of measurement.
2, 3	5.5	Select and use appropriate standard and non-standard units of measurement in problem-solving situations.
2, 3, 5	6.4	Construct, use, and explain procedures to compute and estimate with whole numbers.
2, 3, 5	6.5	Select and use appropriate algorithms for computing with whole numbers in problem-solving situations.

Colorado Model Content Standards: Reading & Writing – Grades K – 4

Lesson	Standard	Descriptor
All lessons	1.A	Using a full range of strategies to comprehend materials such as directions, nonfiction material, rhymes and poems, and stories.
All lessons	2.A	Generating topics and developing ideas for a variety of writing and speaking purposes *(for example, telling a story, publishing a class newsletter, writing a letter to an adult, writing or orally presenting a book report, creating and producing a play, introducing a speaker or an event, narrating a presentation).*
All lessons	2.B	Organizing their speaking and writing.
All lessons	2.C	Choosing vocabulary that communicates their messages clearly and precisely.
All lessons	2.E	Creating readable documents with legible handwriting or word processing at the appropriate time.
All lessons	3.C	Knowing and using correct capitalization, punctuation, and abbreviations.
All lessons	3.D	Spelling frequently used words correctly using phonics rules and exceptions.
1, 4, 6	4.B	Predicting and drawing conclusions about stories.
All lessons	4.D	Using reading, writing, speaking, and listening to define and solve problems.
All lessons	4.E	Responding to written and oral presentations as a reader, listener, and articulate speaker.
All lessons	4.F	Formulating questions about what they read, write, hear, and view.
All lessons	4.G	Using listening skills to understand directions.
All lessons	5.E	Sorting information as it relates to a specific topic or purpose.
1, 4, 6	6.1	Reading, responding to, and discussing a variety of literature such as folk tales, legends, myths, fiction, rhymes and poems, non-fiction, and content-area reading.
1, 4	6.5	Using new vocabulary from literature in other context.

National Health Education Standards – Grades Pre-K – 2: cited from pre-publication document of National Health Education Standards, Pre K-12, American Cancer Society, December 2005 – August 2006

Lesson	Standard	Performance Indicator
3, 4, 5, 6	1.2.1	Identify that healthy behaviors impact personal health.

3, 5, 6	1.2.5	Describe why it is important to seek health care.
3, 5	2.2.1	Identify how the family influences personal health practices and behaviors.
3, 5	3.2.1	Identify trusted adults and professionals who can help promote health.
3, 4, 5, 6	4.2.2	Demonstrate listening skills to enhance health.
3, 5	6.2.1	Identify a short-term personal health goal and take action toward achieving the goal.
3, 4, 5	7.2.1	Demonstrate healthy practices and behaviors to maintain or improve personal health.
3, 4, 5	7.2.2	Demonstrate behaviors to avoid or reduce health risks.
3, 4, 5, 6	8.2.2	Encourage peers to make positive health choices.
3, 5, 6	8.8.4	Identify ways that health messages and communication techniques can be altered for different audiences.