

OPEN WIDE AND TREK INSIDE

Nevada Science Academic Standards: Grades 1 – 2

Lesson	Standard	Objective
1, 2, 3	N.2.A.1	Students know how to make observations and give descriptions using words, numbers, and drawings.
3	N.2.A.2	Students know tools can be used safely to gather data and extend the senses.
1, 2, 3, 5, 6	N.2.B.2	Students know that, in science, it is helpful to work in a team and share findings with others.
2, 4	L.2.A.1	Students know animals and plants have offspring that are similar to their parents.
All lessons	L.2.B.1	Students know humans and other animals use their senses to know their world.
4, 5, 6	L.2.C.1	Students know plants and animals need certain resources for energy and growth.
4	L.2.C.3	Students know living things are found almost everywhere in the world.

Nevada Mathematics Academic Standards: Grades 1 – 2

Mathematics Process Standards

Lesson	Standard	Objective
2, 3, 5	B.2	Use physical materials, models, pictures, or writing to represent and communicate mathematical ideas.
2, 3, 5	B.4	Model and explain mathematical relationships using oral, written, graphic, and algebraic methods.
3, 5	D.1	Apply mathematical thinking and modeling to solve problems that arise in other disciplines, such as rhythm in music and motion in science.
2, 3, 5	D.2	Identify mathematics in everyday life.

Grade 1

2, 5	1.1.3.d	Create, compare, and describe sets of objects and numbers from 0 – 100 as greater than, less than, or equal to (>,<,<=).
2, 5	1.1.5	Identify and model basic addition facts (sums to 10) and the corresponding subtraction facts.
2, 5	1.1.6	Estimate the number of objects in a set to 10 and verify by counting.
2, 5	2.1.3	Create, compare, and describe sets of objects as greater than, less than, or equal to.
2	3.1.1	Compare, order, describe, and represent objects by length and weight.
1, 2, 3, 5	4.1.2	Demonstrate an understanding of position words, including down/up, left/right, top/bottom, and between/middle, by describing the relative location of objects.

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2	4.19	Sort and classify objects by size or thickness.
2, 3	5.1.1.a	Collect, organize, and record data in response to questions posed by teacher and/or students.
2	5.1.1.b	Use tally marks to represent data.
Grade 2		
2, 5	1.2.5	Identify and model basic addition facts (sums to 18) and the corresponding subtraction facts.
2, 5	1.2.6	Estimate the number of objects in a set to 20 and verify by counting.
2	3.2.1	Compare, order, and describe objects by various measurable attributes for length, weight, and temperature.
2	4.2.9	Sort and classify objects by two or more attributes.
1, 2, 3, 5	5.2.1.a	Collect, record, and classify data in response to questions posed by teacher and/or students.
2	5.2.1.b	Use tables, pictographs, and bar graphs to represent data.
Nevada English Language Arts Academic Standards: Grades 1 – 2		
Grade 1		
Lesson	Standard	Objective
All lessons	1.1.3	Use knowledge of common prefixes, suffixes, and abbreviated words to identify words in context.
2, 3, 4, 6	2.1.1	Use, with teacher assistance, pre-reading strategies that aid comprehension, such as accessing prior knowledge, predicting, previewing, and setting a purpose.
4	2.1.4	Retell details of text.
4	4.1.2	Identify cause and effect and main idea.
2, 3, 4, 6	4.1.3	Use text, pictures, and graphs to answer questions.
All lessons	4.1.6	Read and follow a simple direction to perform a task.
All lessons	6.1.1	Generate and select, with teacher assistance, ideas for writing.
All lessons	6.1.6	Identify, with teacher assistance, an audience for writing.
All lessons	6.1.7	Read and share writing with others.
All lessons	7.1.2	Write complete sentences.
All lessons	7.1.3	Use end punctuation, simple contractions, and singular possessives.
All lessons	7.1.6	Print legibly using left-to-right, top-to-bottom directionality and correct spacing between letters and words.
All lessons	8.1.1	Identify purposes for listening such as to obtain information, to solve problems, or enjoyment.
All lessons	8.1.4	Follow simple oral directions to complete a task.
All lessons	9.1.1	Use varied vocabulary to communicate ideas.

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All lessons	9.1.3	Present ideas and ask questions in small and large groups.
All lessons	9.1.5	Give clear directions to complete a simple task.
All lessons	10.1.1	Demonstrate turn-taking in conversations and group discussions.
All lessons	10.1.2	Ask and answer questions to gather and provide information.
All lessons	10.1.3	Share ideas and information in small groups.
Grade 2		
All lessons	1.2.3	Identify the meanings of common prefixes, suffixes, and abbreviated words in context.
2, 3, 4, 6	2.2.1	Identify pre-reading strategies that aid comprehension, such as accessing prior knowledge, predicting, previewing, and setting a purpose.
4	2.2.4	Retell the main idea of text.
4	4.2.2	Identify and explain cause and effect and determine the main idea of a passage.
2, 3, 4, 6	4.2.3	Ask questions to gain understanding of important information in text.
All lessons	4.2.6	Read and follow a simple direction to perform a task.
All lessons	6.2.1	Generate possible ideas for future writing by recalling experiences, talking, drawing, and hearing stories.
All lessons	6.2.6	Produce writing for given audiences.
All lessons	6.2.7	Share writing with others and listen to responses.
All lessons	7.2.2	Identify complete and incomplete sentences in writing.
All lessons	7.2.3	Use commas in the greeting and closure of a letter and with dates and words in a series; use end punctuation, contractions, and possessives correctly.
All lessons	7.2.6	Create readable compositions that are legible.
All lessons	8.2.1	Determine the purpose(s) for listening, such as to obtain information, to solve problems, or enjoyment.
All lessons	8.2.4	Follow two-step oral directions to complete a task.
All lessons	9.2.1	Select and use specific vocabulary to communicate ideas.
All lessons	9.2.5	Give clear directions to complete a simple task.
All lessons	10.2.1	Demonstrate turn-taking and attentiveness in conversations and group discussions.
All lessons	10.2.2	Ask and answer questions to gather and provide information.
All lessons	10.2.3	Present ideas and information in groups.
Nevada Health Education Core Curriculum Standards: Grade 2		
Lesson	Standard	Objective
1, 2, 3, 5, 6	1.2.1	Identify personal health practices that promote physical, mental and social health (sleep, diet, fitness, and personal hygiene).

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1, 2	1.2.2	Identify basic anatomy.
5, 6	1.2.3	Healthy eating promotes growth and well-being.
All lessons	2.2.2	Identify positive and negative results of behaviors relating to posture and cleanliness, as well as dental, skin, eye and ear care.
All lessons	5.2.2	Describe ways to communicate care, consideration, and respect for self and others.
5, 6	7.2.1	Identify positive health choices.