

MINNESOTA ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

OPEN WIDE AND TREK INSIDE		
Minnesota Academic Standards and Benchmarks: Science – Grades 1 & 2		
Grade 1		
Lesson	Standard	Benchmark
3	I.B.1	Observe, describe, measure, compare and contrast common objects, using simple tools including but not limited to ruler, thermometer and balance.
2, 3	II.A.1	Describe objects in terms of color, size, shape, weight, texture, flexibility and attraction to magnets.
4	IV.F.1	Know that animals need air, water and food and that plants require air, water, nutrients and light.
1, 2	IV.G.1	Observe and describe major parts of the body including, but not limited to, eyes, nose, heart, skin, arms, legs and muscles.
1, 2, 5, 6	IV.G.2	Know that diseases caused by germs can be spread from person to person; the number of germs can be reduced by personal behavior.
Grade 2		
Lesson	Standard	Benchmark
3	I.A.1	Recognize that repeating a scientific investigation will lead to very similar results.
3	I.A.2	Recognize that scientific investigations generally work the same way in different places.
3	I.A.4	Recognize that everyone can do science and invent things and ideas.
2, 3	I.B.1	Use appropriate tools to gather and organize data.
2, 3	I.B.2	Recognize and describe patterns in data.
2, 3	II.A.1	Sort and classify objects in terms of color, size, shape, weight, texture, flexibility and attraction to magnets.
4, 5	IV.C.1	Observe and describe some features of plants and animals that allow them to live in specific environments.
4, 5	IV.G.1	Know that people need water, food, air, waste removal and a particular range of temperature in their environment, just like other animals.
Minnesota Academic Standards and Benchmarks: Mathematics – Grades 1 & 2 (11/2006 Draft Version)		
Grade 1		
Lesson	Standard	Benchmark
2, 5	Number Sense C1	Read, write, compare and order whole numbers to 120.
2, 5	Algebra B1	Use the commutative (order) and associative (grouping) properties of addition involving basic facts.

MINNESOTA ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

2, 5	Algebra C1	Learn strategies for addition and subtraction basic facts in order to solve real-world and mathematical problems.
2	Geometry A1	Sort and describe a variety of two-dimensional and three-dimensional shapes according to their attributes, including area (size); type of faces; or number of sides, vertices (corners), edges, or faces.
2	Data & Probability A1	Read and create real object graphs and pictographs.
1, 2, 3	Information & Technology Literacy A1	Under the direction of a teacher, answer a question and gather data. Organize, display and present results to an audience.

Grade 2

Lesson	Standard	Benchmark
2, 5	Number Sense B1	Demonstrate recall of addition and subtraction facts.
2, 5	Algebra B1	Use the commutative (order), associative (grouping) and identify (adding zero) properties of addition to solve problems.
2, 5	Data & Probability A1	Read and create pictographs, bar graphs, and tally charts.
1, 2, 3	Information & Technology Literacy B1	Under the direction of a teacher, answer a question, gather data, organize, display and evaluate information, make conclusions, and present results to an audience.

Minnesota Academic Standards and Benchmarks: Language Arts – Grades 1 & 2

Grade 1

Lesson	Standard	Benchmark
All lessons	I.B.1	Learn new words through explicit instruction and independent reading.
All lessons	I.B.2	Use descriptive words when speaking of people, places, things, actions and events.
1, 4, 6	I.C.1	Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational text.
1, 4, 6	I.C.5	Identify or infer topic.
1, 3, 4, 6	I.C.6	Make simple inferences and draw and support conclusions.
4, 6	I.C.7	Use story illustrations to enhance comprehension.
4, 6	I.C.8	Write or draw a response that shows comprehension of a story that has been read.
1, 4, 6	I.C.9	Relate texts to prior knowledge and experiences.

MINNESOTA ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

4, 6	I.D.1	Read from and listen to texts representing a variety of genres (such as poetry, folk tales, drama, fantasy, realistic fiction, informational and biographical texts) from America, as well as from other countries.
1, 4, 6	I.D.2	Identify and describe main characters setting and sequences of story events.
4, 6	I.D.3	Respond to text and use details from stories to support interpretation and make personal connections.
All lessons	II.A.1	Write in a variety of modes to express meaning.
All lessons	II.A.2	Use informal writing to record information or observations.
All lessons	II.B.1	Write simple sentences using a process and strategies to plan, compose, revise and edit.
All lessons	II.C.4	Compose simple sentences.
All lessons	II.C.5	Use correct spelling for grade-appropriate high-frequency sight words.
All lessons	II.C.6	Spell 3-4 letter words correctly.
All lessons	II.E.1	Improve the formation of uppercase and lowercase letters of the alphabet and numbers.
All lessons	II.E.2	Space words and sentences appropriately.
All lessons	III.A.1	Participate in and follow agreed-upon rules for conversation and formal discussions.
All lessons	III.A.2	Follow two- or three-step oral directions.
All lessons	III.A.3	Attend to and understand the meaning of messages.
All lessons	III.A.4	Communicate needs, feelings and ideas to peers and adults in complete sentences.
All lessons	III.A.6	Use voice level appropriate for language situation.
All lessons	III.A.7	Ask and respond to questions.
Grade 2		
Lesson	Standard	Benchmark
All lessons	I.B.1	Learn and use new words through explicit instruction and independent reading.
All lessons	I.B.2	Use a growing range of descriptive words when speaking of people, places, things, actions and events.
4, 6	I.C.5	Restate the sequence of events or ideas in a text, and summarize.
4, 6	I.C.6	Identify the topic, facts and supporting details in non-fiction texts.
1, 4, 6	I.C.7	Demonstrate literal and inferential comprehension by asking and answering questions about narrative and informational texts.
4, 6	I.C.9	Summarize text.
1, 2, 3, 4, 6	I.C.10	Follow two-step written directions.
4, 6	I.D.1	Read from and listen to texts representing a variety of genres (such as poetry, folk tales, drama, fantasy, realistic fiction, informational and biography) from America, as well as from other countries.

MINNESOTA ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

All lessons	II.A.1	Write in a variety of modes to express meaning
All lessons	II.A.2	Use informal writing skills, such as note taking, listing and mapping, to record information or observations.
All lessons	II.B.2	Use verbalization (discussions, interviews or dictating) to prepare for writing.
All lessons	II.C.6	Use correct spelling for high-frequency sight words, regular plurals, and simple compound words.
All lessons	II.C.7	Spell grade-appropriate words correctly in final draft.
All lessons	II.E.1	Use legible handwriting with improved formation of the uppercase and lowercase letters of the alphabet and numbers.
All lessons	II.E.2	Space words and sentences appropriately.
All lessons	III.A.1	Participate in and follow agreed-upon rules for conversation and formal discussions in large and small groups.
All lessons	III.A.2	Comprehend text or information presented orally.
All lessons	III.A.3	Follow two- or three-step oral directions.
All lessons	III.A.4	Explain and clarify needs, feelings and ideas to peers and adults in complete sentences.
All lessons	III.A.5	Report on a topic by sharing facts, opinions, ideas, prior knowledge or personal experiences in a logical sequence.
All lessons	III.A.7	Use voice level, phrasing, pace and intonation appropriate for language situation.
All lessons	III.A.8	Ask and respond to questions.

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.