

<b>OPEN WIDE AND TREK INSIDE</b>		
<b>Virginia Science Standards of Learning – Grades 1 &amp; 2</b>		
<b>Lesson</b>	<b>Standard</b>	<b>Description</b>
1, 2, 3, 5	1.1.a	Conduct investigations in which differences in physical properties are observed using the senses.
3	1.1.b	Conduct investigations in which simple tools are used to enhance observations.
2, 3	1.1.c	Conduct investigations in which objects or events are classified and arranged according to attributes or properties.
2, 3	1.1.d	Conduct investigations in which observations and data are communicated orally and with simple graphs, pictures, written statements, and numbers.
1, 2, 3, 5	1.1.f	Conduct investigations in which predictions are based on patterns of observation rather than random guesses.
1, 3, 5	1.1.g	Conduct investigations in which simple experiments are conducted to answer questions.
1, 2, 3, 5	1.1.h	Conduct investigations in which inferences are made and conclusions are drawn about familiar objects and events.
2, 4	1.5.b	Investigate and understand that animals, including people, have life needs and specific physical characteristics and can be classified according to certain characteristics, including physical characteristics (body coverings, body shape, appendages, and methods of movement).
1, 2, 3, 5	2.1.a	Conduct investigations in which observation is differentiated from personal interpretation, and conclusions are drawn based on observations.
1, 2, 3, 5	2.1.b	Conduct investigations in which observations are repeated to ensure accuracy.
2, 3, 5	2.1.c	Conduct investigations in which two or more attributes are used to classify items.
3, 5	2.1.d	Conduct investigations in which conditions that influence a change are defined.
2, 3	2.1.f	Conduct investigations in which pictures and bar graphs are constructed using numbered axes.
3, 5	2.1.g	Conduct investigations in which unexpected or unusual quantitative data are recognized.
3, 5	2.1.h	Conduct investigations in which simple physical models are constructed.
2, 3, 4, 5	2.4	Investigate and understand that plants and animals undergo a series of orderly changes in their life cycles.
<b>Virginia English Standards of Learning – Grade 1</b>		
<b>Lesson</b>	<b>Standard</b>	<b>Description</b>
1, 2, 4, 6	1.1.a	Listen and respond to a variety of media, including books, audiotapes, videos, and other age-appropriate materials.

VIRGINIA ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

4, 6	1.1.b	Tell and retell stories and events in logical order.
All lessons	1.1.d	Express ideas orally in complete sentences.
6	1.9.c	Read and demonstrate comprehension of a variety of fiction and nonfiction: Relate previous experiences to what is read.
6	1.9.d	Read and demonstrate comprehension of a variety of fiction and nonfiction: Make predictions about content.
1, 4, 6	1.9.e	Read and demonstrate comprehension of a variety of fiction and nonfiction: Ask and answer who, what, when, where, why, and how questions about what is read.
6	1.9.f	Read and demonstrate comprehension of a variety of fiction and nonfiction: Identify characters, setting, and important events.
6	1.9.g	Read and demonstrate comprehension of a variety of fiction and nonfiction: Retell stories and events, using beginning, middle, and end.
1, 4, 6	1.9.h	Read and demonstrate comprehension of a variety of fiction and nonfiction: Identify the topic or main idea.
All lessons	1.12.a	Write to communicate ideas: Generate ideas.
All lessons	1.12.b	Write to communicate ideas: Focus on one topic.
All lessons	1.12.c	Write to communicate ideas: Use descriptive words when writing about people, places, things, and events.
All lessons	1.12.d	Write to communicate ideas: Use complete sentences in final copies.
All lessons	1.12.e	Write to communicate ideas: Begin each sentence with a capital letter and use ending punctuation in final copies.
All lessons	1.12.f	Write to communicate ideas: Use correct spelling for high-frequency sight words and phonetically regular words in final copies.
All lessons	1.12.g	Write to communicate ideas: Share writing with others.

**Virginia Mathematics Standards of Learning – Grades 1 & 2**

Lesson	Standard	Description
2	1.1	Count objects in a given set containing between 1 and 100 objects and write the corresponding numeral.
2, 3	1.18	Investigate, identify, and describe various forms of data collection in his/her world (e.g., recording daily temperature, lunch count, attendance, and favorite ice cream), using tables, picture graphs, and object graphs.
2, 3	1.20	Sort and classify concrete objects according to one or more attributes, including color, size, shape, and thickness.
2	2.9	Create and solve one-step addition and subtraction problems using data from simple tables, picture graphs, bar graphs, and practical situations.
2	2.23	Read, construct, and interpret a simple picture and bar graph.

VIRGINIA ALIGNMENT FOR NIH SUPPLEMENT OPEN WIDE AND TREK INSIDE

<b>Virginia Health Standards of Learning – Grades 1 &amp; 2</b>		
<b>Lesson</b>	<b>Standard</b>	<b>Description</b>
1, 2, 4, 5	1.1.b	Identify the major body systems and explain their connection to personal health: the digestive system.
3, 4, 5, 6	1.2.a	Explain that good health is related to health-promoting decisions: personal hygiene: including care of one’s teeth.
4, 5, 6	1.2.f	Explain that good health is related to health-promoting decisions: proper nutrition.
5, 6	2.2.a	Explain that personal health decisions and health habits influence health and well-being throughout life: how food choices relate to a healthy lifestyle.
2, 5, 6	2.2.c	Explain that personal health decisions and health habits influence health and well-being throughout life: the need for regular health check-ups and screenings.
4, 5, 6	2.3.c	Describe the influences and factors that impact health and well-being: germs and diseases.