

**OPEN WIDE AND TREK INSIDE****Connecticut Science Academic Standards – Grades PreK- 2**

<b>Lesson</b>	<b>Standard</b>	<b>Expected Performances</b>
<b>All lessons</b>	<b>A INQ.1</b>	Make observations and ask questions about objects, organisms and the environment.
<b>1, 2, 3, 5</b>	<b>A INQ.2</b>	Use senses and simple measuring tools to collect data
<b>2, 3, 5, 6</b>	<b>A INQ.3</b>	Make predictions based on observed patterns.
<b>All lessons</b>	<b>A INQ.4</b>	Read, write, listen and speak about observations of the natural world.
<b>1, 4</b>	<b>A INQ.5</b>	Seek information in books, magazines and pictures.
<b>All lessons</b>	<b>A INQ.6</b>	Present information in words and drawings.
<b>3</b>	<b>A INQ.7</b>	Use standard tools to measure and describe physical properties such as weight, length and temperature.
<b>2, 3</b>	<b>A INQ.8</b>	Use nonstandard measures to estimate and compare the sizes of objects.
<b>2, 3</b>	<b>A INQ.9</b>	Count, order and sort objects by their properties.
<b>2, 3</b>	<b>A INQ.10</b>	Represent information in bar graphs.
<b>1, 4</b>	<b>A 12.</b>	Describe the different ways that animals, including humans, obtain water and food.
<b>4, 5</b>	<b>A 23.</b>	Identify the sources of common foods and classify them by their basic food groups.

**Connecticut Mathematics Academic Standards – Grades 1 - 2**

<b>Lesson</b>	<b>Standard</b>	<b>Expected Performances</b>
<b>1, 2, 3, 5, 6</b>	<b>1.1.a</b>	Examine attributes of objects and describe the relationships. (1) Describe and extend patterns. (2)
<b>2, 3, 5</b>	<b>1.1.b</b>	Analyze change in terms of quantity and quality using patterns. (2)
<b>2, 3</b>	<b>1.2.a</b>	Represent the result of counting, combining and separating sets of objects using number sentences. (1) Represent real-life situations using number sentences. (2)
<b>2, 3, 5</b>	<b>2.2.b</b>	Add by counting and combining and subtract by separating, comparing or counting on. (1)
<b>2, 3</b>	<b>3.1.a</b>	Classify shapes and solids by common characteristics. (1)
<b>2, 3</b>	<b>3.2.a</b>	Describe, name and interpret direction and position of objects. (1)
<b>2, 3</b>	<b>3.3.b</b>	Measure through direct comparison and through repetition of units. (2)

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3	3.3.c	Use standard units of measure to communicate measurement in a universal manner. (1)
1, 2, 3, 5	4.1.a	Collect, organize, record and describe data. (1) Construct graphs from data, then make comparisons and draw conclusions. (2)
2, 3	4.2.a	Organize data in tables and graphs and make comparisons of the data. (1) Determine patterns and make predictions from data displayed in tables and graphs. (2)

**Connecticut English Academic Standards – Grades PreK- 2**

Lesson	Standard	Expected Performances
3	1.1.a	Use <i>prereading</i> activities to activate prior knowledge and establish purpose.
3	1.1.b	Identify points at which understanding breaks down and apply appropriate strategies to develop comprehension.
1, 2, 4, 6	1.1.c	Organize information in proper sequence to use in a summary and/or retelling.
All lessons	1.1.e	Draw conclusions and use evidence to substantiate them by using texts heard, read and viewed.
All lessons	1.1.f	Make and justify inferences from texts heard, read and viewed.
All lessons	1.2.a	Generate and respond to questions.
All lessons	1.2.b	Interpret information that is implied in a text.
All lessons	1.2.c	Distinguish between fact and opinion.
1, 3, 4, 6	1.2.e	Discuss and respond to texts by making text-to-self, text-to-text and text-to-world connections.
1, 3, 4	1.3.c	Explain multiple meanings of words.
All lessons	1.3.d	Develop vocabulary through listening, speaking, reading and writing.
All lessons	1.3.e	Use content vocabulary appropriately and accurately (math, music, science, social studies, etc.).
All lessons	1.4.b	Share opinions and judgments based on texts heard, viewed or read.
1, 4, 6	2.3.a	Make connections between characters’ lives and the real world.
All lessons	3.1.a	Use oral language with clarity and voice to communicate a message.
All lessons	3.1.c	Use the appropriate features of persuasive, narrative, expository or poetic writing.
All lessons	3.2.a	Determine the purpose, point of view and audience, and choose an appropriate written, oral or visual format.
All lessons	4.2.a	Use sentence patterns typical of spoken and written language to produce text.

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<b>All lessons</b>	<b>4.3.b</b>	Demonstrate use of capitalization, punctuation and spelling skills. (1) Demonstrate proficient use of proper mechanics, usage and spelling skills. (2)
<b>Connecticut Health Academic Standards – Grades 1 - 4</b>		
<b>Lesson</b>	<b>Standard</b>	<b>Expected Performances</b>
<b>4, 5, 6</b>	<b>1.b</b>	Select foods that are low in salt, sugar, and fat.
<b>1, 2, 5, 6</b>	<b>3.c</b>	Name the major body parts and identify how one can maintain and protect the body’s systems.
<b>3, 4, 5, 6</b>	<b>3.f</b>	Recognize that individuals can make choices that reduce or eliminate their risk of contracting infectious disease.