

TITLE	CT STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
<b>A Favorite Season</b> ISBN 0022789731 6 PK ISBN 22793062	K.A.INQ.4, K.A.INQ.6, K.3.A.8	D	90	<i>A Favorite Season</i> describes characteristics of each of the four seasons, and uses pictures to illustrate weather and activities associated with each season	spring summer winter
<b>All About Animals</b> ISBN 0022845917 6 PK ISBN 22863826	K.A.INQ.4, K.A.INQ.6, K.2.A.4	C	380	<i>All About Animals</i> describes characteristics that help animals survive in their specific habitats. Photo are used to illustrate each of the animals and their habitats.	blubber hoof hooves
<b>All Kinds of Plants</b> ISBN 0022789669 6 PK ISBN 22792996	K.A.INQ.1, K.A.INQ.4, K.A.INQ.5, K.A.INQ.6, K.A.INQ.9, K.2.A.4	B	BR	<i>All Kinds of Plants</i> uses simple words and pictures to describe and compare plants. This book also identifies some plants that are commonly used by people as food.	food plant
<b>America, The Beautiful</b> ISBN 0022845925 6 PK ISBN 22863834	K.A.INQ.1, K.A.INQ.4, K.A.INQ.6	A	230	<i>America the Beautiful</i> introduces the terms mountain and canyon in a simple rhyming text. These landforms are shown in photos from the point of view of a soaring eagle.	canyon mountain
<b>Animals Grow</b> ISBN 002281079X 6 PK ISBN 22827137	K.A.INQ.6, K.2.A.5	D	210	<i>Animals Grow</i> shows the growth and development of animals such as giraffes and bears. The life cycle of a monarch butterfly is described with the words "grow" and "change," and a three-photo sequence shows the steps of butterfly's life cycle.	change grow
<b>Animals on the Move</b> ISBN 0022845895 6 PK ISBN 22863818	K.A.INQ.6, K.2.A.4	B	180	<i>Animals on the Move</i> uses photos to show how different kinds of animals move. Crawling, running, leaping, flying, and swimming are each shown.	crawl fly leap

\* - Also available in an English Language Learner version

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<b>At the Petting Zoo</b> ISBN 0022789650 6 PK ISBN 22792988	K.A.INQ.1, K.A.INQ.5, K.A.INQ.6	C	NP	<i>At the Petting Zoo</i> uses illustrations and single-word descriptions to identify differences among animals.	<b>smooth</b> <b>rough</b>
<b>Clouds</b> ISBN 002281082X 6 PK ISBN 22827161	K.A.INQ.1, K.A.INQ.2, K.A.INQ.4, K.A.INQ.6, K.3.A.7	C	150	<i>Clouds</i> describes differences among clouds and uses photos to illustrate different types of clouds. This books also identifies clouds as the source of rain and snow, and asks students to consider whether fog is a cloud.	<b>cloud</b> <b>rain</b> <b>snow</b>
<b>From Seed to Sunflower</b> ISBN 0022845879 6 PK ISBN 22863788	K.A.INQ.4, K.A.INQ.5, K.A.INQ.6, K.2.A.5	C	320	<i>From Seed to Sunflower</i> shows and describes the life cycle of a sunflower plant.	<b>flower</b> <b>seed</b> <b>sunflower</b>
<b>Good Morning</b> ISBN 0022784594 6 PK ISBN 22792880	K.A.INQ.4, K.A.INQ.6	B	BR	<i>Good Morning</i> shows a variety of animals in the morning and in the evening. Students are asked to think about things that typically occur in the morning.	<b>morning</b>
<b>I Like Ice</b> ISBN 0022846034 6 PK ISBN 002286394X	K.A.INQ.1, K.A.INQ.6, K.3.A.7	B	210	<i>I Like Ice</i> explains that water is a solid when it is cold and a liquid when it gets warmer. The terms frozen and melts are used to describe changes in state.	<b>frozen</b> <b>icicle</b> <b>melt</b>
<b>Land High and Low</b> ISBN 0022810811 6 PK ISBN 22827153	K.A.INQ.1, K.A.INQ.4	C	150	<i>Land High and Low</i> describes mountains, valleys, canyons, and shows the ocean shore. Activities associated with each landform, such as hiking and sledding, are also mentioned.	<b>canyon</b> <b>mountain</b> <b>valley</b>

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TITLE	CT STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
<b>Made from Clay</b> ISBN 0022845992 6 PK ISBN 22863915	K.A.INQ.5, K.A.INQ.9, K.1.A.2, K.4.A.9	B	260	<i>Made From Clay</i> identifies clay as an earth material and shows the many ways that people use clay.	clay mask pot
<b>Making Sounds</b> ISBN 0022820272 6 PK ISBN 22869174	K.A.INQ.4	C	70	<i>Let's Make Sounds</i> shows several different ways that students can generate sounds. Photographs show students using recycled materials as musical instruments.	sound
<b>Matter Changes</b> ISBN 0022846042 6 PK ISBN 22863958	K.A.INQ.1, K.A.INQ.4	C	220	<i>Matter Changes</i> describes matter, explains that matter is made up of tiny parts, and shows the three common states of matter. The role of heat in changes of state is also identified.	gas liquid solid
<b>Melting Snow</b> ISBN 0022846026 6 PK ISBN 22863931	K.A.INQ.1, K.A.INQ.2	A	40	<i>Melting Snow</i> describes the change of state from solid to liquid that occurs when sunlight warms snow.	melting puddle Sun
<b>Our Desert Home</b> ISBN 0022789723 6 PK ISBN 22793054	K.A.INQ.1, K.A.INQ.2, K.2.A.4	C	BR	<i>Our Desert Home</i> uses illustrations to identify the plants, insects, reptiles, birds, and mammals that live in a desert habitat.	bird reptile mammal
<b>Our Land</b> ISBN 0022845933 6 PK ISBN 22863842	K.A.INQ.4, K.A.INQ.6	B	330	<i>Our Land</i> uses photographs to illustrate landforms and habitats, such as mountains, forests, valleys, deserts, rivers, and oceans.	land ocean valley

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<b>Plant Parts</b> ISBN 0022789677 6 PK ISBN 22793003	K.A.INQ.1, K.A.INQ.5, K.2.A.4	C	270	<b>Plant Parts</b> identifies roots, stems, leaves, flowers, cones, and fruits as plant parts.	fruit root stem
<b>Plants Grow</b> ISBN 0022810781 6 PK ISBN 22827129	K.A.INQ.6, K.2.A.6	B	BR	<b>Plants Grow</b> identifies water, light, and soil as basic needs of plants.	soil
<b>Recycle, Reduce, Reuse</b> ISBN 0022845941 6 PK ISBN 22863850	K.A.INQ.6	C	340	<b>Recycle, Reduce, Reuse</b> uses brief explanations and photos to define each of these methods of protecting the environment.	recycle reduce reuse
<b>Rocks</b> ISBN 0022810803 6 PK ISBN 22827145	K.A.INQ.1, K.A.INQ.2, K.A.INQ.4, K.A.INQ.9, K.1.A.1	C	20	<b>Rocks</b> compares the colors, sizes, and textures of a variety of rocks.	rock
<b>Seasons</b> ISBN 002284595X 6 PK ISBN 22863869	K.A.INQ.6, K.3.A.8	A	50	<b>Seasons</b> illustrates the weather, clothing, and activities associated with each of the four seasons.	season weather
<b>Small Plants Tall Plants</b> ISBN 0022845852 6 PK ISBN 22863761	K.A.INQ.1, K.A.INQ.7, K.2.A.4	A	310	<b>Small Plants, Tall Plants</b> describes the characteristics of some types of plants and points out differences among plants.	moss redwood sunflower

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TITLE	CT STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
<b>Soft or Hard?</b> ISBN 0022845984 6 PK ISBN 22863893	K.A.INQ.1, K.A.INQ.2, K.A.INQ.4, K.A.INQ.9	A	BR	<i>Soft or Hard?</i> defines matter and describes different textures associated with solid matter. Examples of objects with different textures are identified.	<b>matter solid</b>
<b>That Night Sky</b> ISBN 0022810838 6 PK ISBN 002282717X	K.A.INQ.1, K.A.INQ.4, K.A.INQ.6	C	80	<i>The Night Sky</i> describes objects that are visible in the night sky, including the Moon and stars. Patterns of stars and phases of the Moon are pictures.	<b>moon stars</b>
<b>Toys that Move</b> ISBN 0022789715 6 PK ISBN 22793046	K.A.INQ.5, K.A.INQ.6	C	330	<i>Toys That Move</i> uses toys to illustrate the fact that pushes and pulls (forces) change the motion of objects.	<b>push pull</b>
<b>Water Moves</b> ISBN 0022810862 6 PK ISBN 22827218	K.A.INQ.6	C	BR	<i>Water Moves</i> uses simple rhyming text to identify some of the properties of solid and liquid water.	<b>water</b>
<b>What Can a Magnet Do?</b> ISBN 0022846018 6 PK ISBN 22863923	K.A.INQ.1, K.A.INQ.9, K.1.A.2	C	260	<i>What Can a Magnet Do?</i> explains that magnets can push or pull objects and shows some applications of magnets.	<b>magnet pull push</b>
<b>What is the Weather?</b> ISBN 0022845968 6 PK ISBN 22863877	K.A.INQ.1, K.A.INQ.2, K.A.INQ.4, K.A.INQ.6, K.3.A.7	B	BR	<i>What Is the Weather?</i> uses the terms sunny, rainy, windy, cloudy, and snowy to describe the weather.	<b>cloudy weather windy</b>

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TITLE	CT STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
<b>What Kind of Animal Are You?</b> ISBN 0022845887 6 PK ISBN 22863796	K.A.INQ.6, K.2.A.4	A	BR	<i>What Kind of Animal Are You?</i> points out characteristics of birds, fish, and mammals, and leads students to the conclusion that humans are mammals.	<b>feather mammal scales</b>
<b>What Will I Wear Today?</b> ISBN 0022845976 6 PK ISBN 22863885	K.A.INQ.6, K.3.A.8	C	170	<i>What Will I Wear Today?</i> shows clothing associated with each season of the year.	<b>fall spring summer winter</b>
<b>What's in the Soil?</b> ISBN 0022789707 6 PK ISBN 22793038	K.A.INQ.1, K.A.INQ.2, K.A.INQ.4, K.A.INQ.5	C	BR	<i>What's In the Soil?</i> identifies living and nonliving things found in soil.	<b>soil</b>
<b>Where Do Plants Live?</b> ISBN 0022845860 6 PK ISBN 002286377X	K.A.INQ.5, K.A.INQ.6, K.2.A.4	B	350	<i>Where Do Plants Live?</i> shows the types of plants associated with different environments.	<b>dry plant wet</b>
<b>Working with Clay</b> ISBN 0022810854 6 PK ISBN 22827196	K.A.INQ.1, K.A.INQ.4	G	510	<i>Working with Clay</i> shows that clay is an earth material, and sequences the steps in making a useful product with clay.	<b>clay</b>
<b>Working with Wood</b> ISBN 0022810846 6 PK ISBN 22827188	K.A.INQ.6	E	290	<i>Working with Wood</i> explains that wood comes from trees and describes the processes used to make useful products with wood.	<b>wood</b>

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# Connecticut Core Science Curriculum Framework

## STANDARD K.A

### Core Scientific Inquiry, Literacy and Numeracy

#### INQ.

**Scientific Inquiry: Scientific inquiry is a thoughtful and coordinated attempt to search out, describe, explain and predict natural phenomena.**

K.A.INQ.1

Make observations and ask questions about objects, organisms and the environment.

K.A.INQ.2

Use senses and simple measuring tools to collect data.

K.A.INQ.3

Make predictions based on observed patterns.

K.A.INQ.4

Read, write, listen and speak about observations of the natural world.

#### INQ.

**Scientific Literacy: Scientific literacy includes speaking, listening, presenting, interpreting, reading and writing about science.**

K.A.INQ.5

Seek information in books, magazines and pictures.

K.A.INQ.6

Present information in words and drawings.

K.A.INQ.7

Use standard tools to measure and describe physical properties such as weight, length and temperature.

#### INQ.

**Scientific Numeracy: Mathematics provides useful tools for the description, analysis and presentation of scientific data and ideas.**

K.A.INQ.8

Use nonstandard measures to estimate and compare the sizes of objects.

K.A.INQ.9

Count, order and sort objects by their properties.

K.A.INQ.10

Represent information in bar graphs.

**Core Themes, Content Standards and Expected Performances****STANDARD K.1****Objects have properties that can be observed and used to describe similarities and differences.**

K.1.A.1

Use the senses and simple measuring tools, such as rulers and equal-arm balances, to observe common objects and sort them into groups based on size, weight, shape or color.

K.1.A.2

Sort objects made of materials such as wood, paper and metal into groups based on properties such as flexibility, attraction to magnets, and whether they float or sink in water.

K.1.A.3

Count objects in a group and use mathematical terms to describe quantitative relationships such as: same as, more than, less than, equal, etc.

**STANDARD K.2****Many different kinds of living things inhabit the Earth.**

K.2.A.4

Describe the similarities and differences in the appearance and behaviors of plants, birds, fish, insects and mammals (including humans).

K.2.A.5

Describe the similarities and differences in the appearance and behaviors of adults and their offspring.

K.2.A.6

Describe characteristics that distinguish living from nonliving things.

**STANDARD K.3****Weather conditions vary daily and seasonally.**

K.3.A.7

Describe and record daily weather conditions.

K.3.A.8

Relate seasonal weather patterns to appropriate choices of clothing and activities.

**STANDARD K.4****Some objects are natural, while others have been designed and made by people to improve the quality of life.**

K.4.A.9

Describe the types of materials used by people to build houses, and the properties that make the materials useful.