

TITLE	CT STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
In the Garden ISBN 0022858334 6 PK ISBN 0022865365	1.A.INQ.1, 1.A.INQ.2, 1.A.INQ.4, 1.A.INQ.9	B	30	<i>In the Garden</i> contrasts living and nonliving things and identifies some of the characteristics of living things, such as growth and change.	living thing plant rock
A World of Animals * ISBN 0022846093 6 PK ISBN 0022864016	1.A.INQ.5, 1.A.INQ.6, 1.2.A.12, 1.2.A.14	E	600	<i>A World of Animals</i> describes adaptations of dolphins, polar bears, elephants, beavers, woodpeckers, and camels.	fin hoof hooves trunk
Amazing Animals ISBN 0022846115 6 PK ISBN 0022864024	1.A.INQ.6, 1.2.A.12, 1.2.A.14	G	300	<i>Amazing Animals</i> describes adaptations of animals and relates adaptations to specific environments.	gill spines webbed feet
Animal Homes ISBN 0022858466 6 PK ISBN 0022865403	1.A.INQ.5, 1.A.INQ.6	G	190	<i>Animal Homes</i> identifies the environments, such as deserts, oceans, and forests, in which various animals make their homes.	cactus desert forest
Boats Float ISBN 0022846220 6 PK ISBN 0022864121	1.A.INQ.1, 1.A.INQ.2, 1.A.INQ.9	B	BR	<i>Boats Float</i> describes solids, liquids, and gases, and defines the term <i>float</i> . It also identifies that solids have a definite shape, but liquids do not.	float gas liquid
Bryce Canyon ISBN 0022858474 6 PK ISBN 0022865438	1.A.INQ.6	H	240	<i>Bryce Canyon</i> explains how wind and water have shaped Bryce Canyon over time, and that similar processes shape other rocks.	rock water wind

* - Also available in an English Language Learner version

TITLE	CT STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
Dolphin Sounds ISBN 0022858385 6 PK ISBN 0022865551	1.A.INQ.6, 1.2.A.12	B	120	<i>Dolphin Sounds</i> illustrates how echolocation works, and describes how dolphins use echolocation to find food.	dolphin echo sound
Forces At Play ISBN 0022861653 6 PK ISBN 0022865543	1.A.INQ.1, 1.1.A.10	H	240	<i>Forces at Play</i> defines force as a push or pull, defines the term <i>work</i> , and identifies how forces are involved in baseball, basketball, and tug-of-war.	force gravity work
Fun With Magnets ISBN 0022858377 6 PK ISBN 0022865527	1.A.INQ.1, 1.A.INQ.2	B	270	<i>Fun With Magnets</i> explains how magnets attract metal objects and can attract or repel one another. It also describes some uses of magnets.	magnet metal push
Good to Eat * ISBN 0022858393 6 PK ISBN 0022865373	1.A.INQ.6	E	230	<i>Good to Eat</i> identifies plant parts (stems, leaves, flowers, roots, fruits, and leaves) that humans use for food. The book uses lettuce, celery, broccoli, carrots, cantaloupe, and strawberries as examples.	fruit root stem
How Does Matter Change? ISBN 0022846271 6 PK ISBN 0022864172	1.A.INQ.4	G	240	<i>How Does Matter Change?</i> describes physical changes of matter, such as changes of shape and changes of state. It also defines the term <i>matter</i> and describes solids, liquids, and gases.	gas liquid matter
Ice Hotels ISBN 0022858512 6 PK ISBN 0022865519	1.A.INQ.1, 1.A.INQ.2, 1.A.INQ.4	G	270	<i>Ice Hotels</i> uses pictures and descriptions of an ice hotel to highlight the differences between solids and liquids. It also points out the role of temperature change in melting.	liquid melts solid
Land All Around ISBN 0022858342 6 PK ISBN 0022865411	1.A.INQ.6	B	BR	<i>Land All Around</i> describes the characteristics of mountains, valleys, and plains.	mountain plain valley

* - Also available in an English Language Learner version

TITLE	CT STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
Let's Bake a Cake! ISBN 0022846255 6 PK ISBN 0022864156	1.A.INQ.1, 1.A.INQ.2	B	270	<i>Let's Bake a Cake</i> uses a discussion of baking to introduce the terms <i>melt</i> , <i>solid</i> , <i>liquid</i> , and <i>mixture</i> .	liquid melt mixture
Look for Rocks * ISBN 0022858407 6 PK ISBN 002286542X	1.A.INQ.4, 1.A.INQ.6	E	90	<i>Look for Rocks</i> explains that rocks can be found in many places, such as yards, parks, and beaches, and uses photos to illustrate the characteristics of sandstone, slate, and granite.	granite sandstone slate
Make It New * ISBN 0022858415 6 PK ISBN 0022865454	1.A.INQ.6	F	BR	<i>Make It New</i> shows that paper, glass, and cans can be recycled to make new products.	bottle can recycle
Mars ISBN 0022858490 6 PK ISBN 0022865497	1.A.INQ.6	H	230	<i>Mars</i> compares and contrasts characteristics, such as size, position, temperature, and presence of water, of Earth and Mars.	planet Mars Sun
Parts of Plants ISBN 0022858458 6 PK ISBN 0022865381	1.A.INQ.5, 1.A.INQ.6, 1.2.A.13	H	250	<i>Parts of Plants</i> describes leaves, flowers, stems, roots, fruits, and seeds and identifies the function of each.	root seed soil
Pond Life ISBN 0022861645 6 PK ISBN 0022864032	1.A.INQ.6	D	390	<i>Pond Life</i> identifies some of the living things found in ponds, including plants, fish, frogs, and insects and points out that a pond is a freshwater environment.	insect living thing pond

* - Also available in an English Language Learner version

TITLE	CT STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
Ready, Set, Go! * ISBN 0022858423 6 PK ISBN 0022865489	1.A.INQ.6	E	330	<i>Ready, Set, Go</i> explores how astronauts prepare for a flight on the space shuttle. It describes a sequence of steps using the words <i>first</i> , <i>next</i> , <i>then</i> , and <i>finally</i> .	astronaut space shuttle spacesuit
Solids, Liquids, and Gases * ISBN 0022846239 6 PK ISBN 002286413X	1.A.INQ.1, 1.A.INQ.2	E	370	<i>Solids, Liquids, and Gases</i> discusses the properties of solids, liquids, and gases and gives everyday examples of each.	gas liquid solid
Sun Power ISBN 0022858520 6 PK ISBN 0022865578	1.A.INQ.6	G	350	<i>Sun Power</i> describes energy and explains that some energy comes from the Sun. It also discusses ways that solar energy can be used, such as heating homes and powering vehicles.	energy solar energy Sun
The Four Seasons ISBN 0022846182 6 PK ISBN 0022864091	1.A.INQ.5, 1.A.INQ.6	B	330	<i>The Four Seasons</i> describes spring, summer, fall, and winter by picturing the weather, activities, and clothing associated with each.	fall spring summer winter
The Story of Water ISBN 0022846247 6 PK ISBN 0022864148	1.A.INQ.4, 1.A.INQ.6, 1.2.A.12	G	370	<i>The Story of Water</i> identifies the importance of water, discusses the water cycle, and explains the role of the Sun's energy in the water cycle.	clouds gas water cycle
The Tallest Tree * ISBN 0022846069 6 PK ISBN 0022863974	1.A.INQ.2, 1.A.INQ.6, 1.A.INQ.8, 1.A.INQ.9, 1.3.A.16, 1.3.A.17	E	470	<i>The Tallest Tree</i> explains that some seeds germinate and develop into trees, such as the General Sherman Sequoia. Illustrations allow students to compare the height of the General Sherman to other objects.	cone seedling sequoia

* - Also available in an English Language Learner version

TITLE	CT STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
Things Change * ISBN 0022846263 6 PK ISBN 0022864164	1.A.INQ.1, 1.A.INQ.2, 1.A.INQ.4, 1.A.INQ.6	E	300	<i>Things Change</i> identifies changes such as boiling, freezing, melting, mixing, and growing and illustrates everyday examples of these changes.	boil freeze melt
Two Trees ISBN 0022846077 6 PK ISBN 0022863982	1.A.INQ.6, 1.A.INQ.8, 1.2.A.13, 1.3.A.17	H	430	<i>Two Trees</i> compares and contrasts trees found at the coast with trees found in the desert. Adaptations to each environment are pictured and identified.	desert roots soil
Watch It Grow ISBN 0022846050 6 PK ISBN 0022863966	1.A.INQ.6, 1.2.A.13, 1.3.A.16	B	70	<i>Watch It Grow</i> identifies what seeds and plants need to grow and develop. The germination and growth of a tomato seed illustrates this process.	plant Sun water
Water Fun ISBN 0022858350 6 PK ISBN 0022865446	1.A.INQ.6, 1.2.A.12	B	BR	<i>Water Fun</i> identifies recreational uses of water, points out that humans need water to drink, and explains that water should not be wasted.	ocean waste water
What Goes Around? ISBN 0022858369 6 PK ISBN 0022865470	1.A.INQ.6	B	120	<i>What Goes Around?</i> explains the motion of the Earth and Moon relative to the Sun and to one another. Diagrams shows Earth's orbit around the Sun and the Moon's orbit around Earth.	Earth Moon Sun
What Is Wool? ISBN 0022858482 6 PK ISBN 0022865462	1.A.INQ.6	H	330	<i>What Is Wool?</i> explains that wool is produced by sheep and used by humans. The process of producing clothing using wool is described.	sheep wool yarn

* - Also available in an English Language Learner version

TITLE	CT STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
What People and Animals Need ISBN 0022846085 6 PK ISBN 0022863990	1.A.INQ.4, 1.2.A.12	B	310	<i>What People and Animals Need</i> identifies that both people and animals need food, water, air, and shelter to live. The terms <i>breathe</i> , <i>energy</i> , and <i>shelter</i> are defined.	breathe energy shelter
What Sounds Say * ISBN 002285844X 6 PK ISBN 002286556X	1.A.INQ.2	F	130	<i>What Sounds Say</i> explains that sounds can be used to communicate and that some sounds, such as sirens and train whistles, are used to indicate danger.	bell siren sound
What Would We Do Without Bees? * ISBN 0022846131 6 PK ISBN 0022864040	1.A.INQ.6	E	430	<i>What Would We Do Without Bees?</i> describes the role of bees in pollination of plants and in honey production. The process of pollination of an apple tree is illustrated.	honey nectar pollen
When the Weather Changes * ISBN 0022846190 6 PK ISBN 0022864105	1.A.INQ.4	E	230	<i>When the Weather Changes</i> describes the weather, activities, and clothing commonly associated with each season.	fall season weather
Where Are They? * ISBN 0022858431 6 PK ISBN 0022865535	1.A.INQ.4	F	100	<i>Where Are They?</i> uses position words, such as <i>on</i> , <i>under</i> , <i>behind</i> , <i>in</i> , and <i>inside</i> to describe the position of animals relative to objects.	bush egg log

* - Also available in an English Language Learner version

Connecticut Core Science Curriculum Framework

STANDARD 1.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.

1.A.INQ.1

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

1.A.INQ.2

Use senses and simple measuring tools to collect data.

1.A.INQ.3

Make predictions based on observed patterns.

1.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.

1.A.INQ.5

Seek information in books, magazines and pictures.

1.A.INQ.6

Present information in words and drawings.

1.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.

1.A.INQ.8

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

1.A.INQ.9

Count, order and sort objects by their properties.

1.A.INQ.10

Represent information in bar graphs.

Core Themes, Content Standards and Expected Performances

STANDARD 1.1**The sun appears to move across the sky in the same way every day, but its path changes gradually over the seasons.**

1.1.A.10

Describe how the motion of objects can be changed by pushing and pulling.

1.1.A.11

Describe the apparent movement of the sun across the sky and the changes in the length and direction of shadows during the day.

STANDARD 1.2**Living things have different structures and behaviors that allow them to meet their basic needs.**

1.2.A.12

Describe the different ways that animals, including humans, obtain water and food.

1.2.A.13

Describe the different structures plants have for obtaining water and sunlight.

1.2.A.14

Describe the structures that animals, including humans, use to move around.

STANDARD 1.3**Organisms change in form and behavior as part of their life cycles.**

1.3.A.15

Describe the changes in organisms, such as frogs and butterflies, as they undergo metamorphosis.

1.3.A.16

Describe the life cycles of organisms that grow but do not metamorphose.

STANDARD 1.4**The properties of materials and organisms can be described more accurately through the use of standard measuring units.**

1.3.A.17

Estimate, measure and compare the sizes and weights of different objects and organisms using standard and nonstandard measuring tools.