

TITLE	NY STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
A Favorite Season ISBN 0022789731 6 PK ISBN 22793062	PS Performance Indicator 1.1	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
All About Animals ISBN 0022845917 6 PK ISBN 22863826	LE Performance Indicator 3.1, LE Performance Indicator 6.1	C	380	<i>All About Animals</i> describes characteristics that help animals survive in their specific habitats. Photos are used to illustrate each of the animals and their habitats.	blubber hoof hooves
All Kinds of Plants ISBN 0022789669 6 PK ISBN 22792996	LE Performance Indicator 3.1, LE Performance Indicator 6.1	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
America, The Beautiful ISBN 0022845925 6 PK ISBN 22863834	PS Performance Indicator 2.1	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
Animals Grow ISBN 002281079X 6 PK ISBN 22827137	LE Performance Indicator 1.2, LE Performance Indicator 4.1, LE Performance Indicator 4.2	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
Animals on the Move ISBN 0022845895 6 PK ISBN 22863818	LE Performance Indicator 3.1	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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At the Petting Zoo ISBN 0022789650 6 PK ISBN 22792988	LE Performance Indicator 1.1, LE Performance Indicator 3.1	C	NP	<i>At the Petting Zoo</i> uses illustrations and single-word descriptions to identify differences among animals.	smooth rough
Clouds ISBN 002281082X 6 PK ISBN 22827161	PS Performance Indicator 1.1, PS Performance Indicator 2.1	C	150	<i>Clouds</i> describe differences among clouds and uses photos to illustrate different types of clouds. This book also identifies clouds as the source of rain and snow, and asks students to consider whether fog is a cloud.	cloud rain snow
From Seed to Sunflower ISBN 0022845879 6 PK ISBN 22863788	LE Performance Indicator 4.1, LE Performance Indicator 4.2, LE Performance Indicator 6.1	C	320	<i>From Seed to Sunflower</i> shows and describes the life cycle of a sunflower plant.	flower seed sunflower
Good Morning ISBN 0022784594 6 PK ISBN 22792880	PS Performance Indicator 1.1	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.	morning
I Like Ice ISBN 0022846034 6 PK ISBN 002286394X	PS Performance Indicator 3.2, LE Performance Indicator 6.1	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.	frozen icicle melt
Land High and Low ISBN 0022810811 6 PK ISBN 22827153	PS Performance Indicator 2.1, LE Performance Indicator 6.1	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.	canyon mountain valley

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Made from Clay ISBN 0022845992 6 PK ISBN 22863915	LE Performance Indicator 6.1	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
Making Sounds ISBN 0022820272 6 PK ISBN 22869174	PS Performance Indicator 4.1	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
Matter Changes ISBN 0022846042 6 PK ISBN 22863958	PS Performance Indicator 3.2	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
Melting Snow ISBN 0022846026 6 PK ISBN 22863931	PS Performance Indicator 3.2, LE Performance Indicator 6.2	A	40	<i>Melting Snow</i> describes the change of state from solid to liquid that occurs when sunlight warms snow.	melting puddle Sun
Our Desert Home ISBN 0022789723 6 PK ISBN 22793054	LE Performance Indicator 3.1, LE Performance Indicator 6.1	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
Our Land ISBN 0022845933 6 PK ISBN 22863842	PS Performance Indicator 2.1, LE Performance Indicator 6.1	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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Plant Parts ISBN 0022789677 6 PK ISBN 22793003	LE Performance Indicator 3.1	C	270	Plant Parts identifies roots, stems, leaves, flowers, cones, and fruits as plant parts.	fruit root stem
Plants Grow ISBN 0022810781 6 PK ISBN 22827129	LE Performance Indicator 4.2, LE Performance Indicator 6.1, LE Performance Indicator 6.2	B	BR	Plants Grow identifies water, light, and soil as basic needs of plants.	soil
Recycle, Reduce, Reuse ISBN 0022845941 6 PK ISBN 22863850	LE Performance Indicator 7.1	C	340	Recycle, Reduce, Reuse uses brief explanations and photos to define each of these methods of protecting the environment.	recycle reduce reuse
Rocks ISBN 0022810803 6 PK ISBN 22827145	PS Performance Indicator 2.1, PS Performance Indicator 3.1	C	20	Rocks compares the colors, sizes, and textures of a variety of rocks.	rock
Seasons ISBN 002284595X 6 PK ISBN 22863869	PS Performance Indicator 1.1	A	50	Seasons illustrates the weather, clothing, and activities associated with each of the four seasons.	season weather
Small Plants Tall Plants ISBN 0022845852 6 PK ISBN 22863761	LE Performance Indicator 3.1, LE Performance Indicator 4.2	A	310	Small Plants, Tall Plants describes the characteristics of some types of plants and points out differences among plants.	moss redwood sunflower

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TITLE	XX STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
Soft or Hard? ISBN 0022845984 6 PK ISBN 22863893	PS Performance Indicator 3.1	A	BR	Soft or Hard? defines matter and describes different textures associated with solid matter. Examples of objects with different textures are identified.	matter solid
That Night Sky ISBN 0022810838 6 PK ISBN 002282717X	PS Performance Indicator 1.1	C	80	The Night Sky describes objects that are visible in the night sky, including the Moon and stars. Patterns of stars and phases of the Moon are pictures.	moon stars
Toys that Move ISBN 0022789715 6 PK ISBN 22793046	PS Performance Indicator 5.1, PS Performance Indicator 5.2	C	330	Toys That Move uses toys to illustrate the fact that pushes and pulls (forces) change the motion of objects.	push pull
Water Moves ISBN 0022810862 6 PK ISBN 22827218	PS Performance Indicator 3.2	C	BR	Water Moves uses simple rhyming text to identify some of the properties of solid and liquid water.	water
What Can a Magnet Do? ISBN 0022846018 6 PK ISBN 22863923	PS Performance Indicator 5.1, PS Performance Indicator 5.2	C	260	What Can a Magnet Do? explains that magnets can push or pull objects and shows some applications of magnets.	magnet pull push
What is the Weather? ISBN 0022845968 6 PK ISBN 22863877	PS Performance Indicator 1.1, PS Performance Indicator 2.1	B	BR	What Is the Weather? uses the terms sunny, rainy, windy, cloudy, and snowy to describe the weather.	cloudy weather windy

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TITLE	NY STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
What Kind of Animal Are You? ISBN 0022845887 6 PK ISBN 22863796	LE Performance Indicator 3.1	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.	feather mammal scales
What Will I Wear Today? ISBN 0022845976 6 PK ISBN 22863885	PS Performance Indicator 1.1	C	170	<i>What Will I Wear Today?</i> shows clothing associated with each season of the year.	fall spring summer winter
What's in the Soil? ISBN 0022789707 6 PK ISBN 22793038	LE Performance Indicator 6.1	C	BR	<i>What's In the Soil?</i> identifies living and nonliving things found in soil.	soil
Where Do Plants Live? ISBN 0022845860 6 PK ISBN 002286377X	LE Performance Indicator 3.1	B	350	<i>Where Do Plants Live?</i> shows the types of plants associated with different environments.	dry plant wet
Working with Clay ISBN 0022810854 6 PK ISBN 22827196	PS Performance Indicator 3.2, LE Performance Indicator 6.1	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.	clay
Working with Wood ISBN 0022810846 6 PK ISBN 22827188	PS Performance Indicator 3.2, LE Performance Indicator 6.1	E	290	<i>Working with Wood</i> explains that wood comes from trees and describes the processes used to make useful products with wood.	wood

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New York Science Performance Indicators

Standard 4

Science

Physical Setting

PS Key Idea 1

The Earth and celestial phenomena can be described by principles of relative motion and perspective.

PS Performance Indicator 1.1

Describe patterns of daily, monthly, and seasonal changes in their environment.

PS Key Idea 2

Many of the phenomena that we observe on Earth involve interactions among components of air, water, and land.

PS Performance Indicator 2.1

Describe the relationships among air, water, and land on Earth.

PS Key Idea 3

Matter is made up of particles whose properties determine the observable characteristics of matter and its reactivity.

PS Performance Indicator 3.1

Observe and describe properties of materials using appropriate tools.

PS Performance Indicator 3.2

Describe chemical and physical changes, including changes in states of matter.

PS Key Idea 4

Energy exists in many forms, and when these forms change energy is conserved.

PS Performance Indicator 4.1

Describe a variety of forms of energy (e.g., heat, chemical, light) and the changes that occur in objects when they interact with those forms of energy.

PS Performance Indicator 4.2

Observe the way one form of energy can be transformed into another form of energy present in common situations (e.g., mechanical to heat energy, mechanical to electrical energy, chemical to heat energy).

PS Key Idea 5

Energy and matter interact through forces that result in changes in motion.

PS Performance Indicator 5.1

Describe the effects of common forces (pushes and pulls) on objects, such as those caused by gravity, magnetism, and mechanical forces.

PS Performance
Indicator 5.2

4.B

LE Key Idea 1

LE Performance
Indicator 1.1

LE Performance
Indicator 1.2

LE Key Idea 2

LE Performance
Indicator 2.1

LE Performance
Indicator 2.2

LE Key Idea 3

LE Performance
Indicator 3.1

LE Performance
Indicator 3.2

LE Key Idea 4

LE Performance
Indicator 4.1

LE Performance
Indicator 4.2

LE Key Idea 5

LE Performance
Indicator 5.1

LE Performance
Indicator 5.2

Describe how forces can operate across distances.

The Living Environment

Living things are both similar to and different from each other and nonliving things.

Describe the characteristics of and variations between living and nonliving things.

Describe the life processes common to all living things.

Organisms inherit genetic information in a variety of ways that result in continuity of structure and function between parents and offspring.

Recognize that traits of living things are both inherited and acquired or learned.

Recognize that for humans and other living things there is genetic continuity between generations.

Individual organisms and species change over time.

Describe how the structures of plants and animals complement the environment of the plant or animal.

Observe that differences within a species may give individuals an advantage in surviving and reproducing.

The continuity of life is sustained through reproduction and development.

Describe the major stages in the life cycles of selected plants and animals.

Describe evidence of growth, repair, and maintenance, such as nails, hair, and bone, and the healing of cuts and bruises.

Organisms maintain a dynamic equilibrium that sustains life.

Describe basic life functions of common living specimens (guppy, mealworm, gerbil).

Describe some survival behaviors of common living specimens.

LE Performance
Indicator 5.3

Describe the factors that help promote good health and growth in humans.

LE Key Idea 6

Plants and animals depend on each other and their physical environment.

LE Performance
Indicator 6.1

Describe how plants and animals, including humans, depend upon each other and the nonliving environment.

LE Performance
Indicator 6.2

Describe the relationship of the sun as an energy source for living and nonliving cycles.

LE Key Idea 7

Human decisions and activities have had a profound impact on the physical and living environment.

LE Performance
Indicator 7.1

Identify ways in which humans have changed their environment and the effects of those changes.