

TITLE	CO STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
A Favorite Season ISBN 0022789731 6 PK ISBN 22793062	4.4, 5.1	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	3.1, 3.5	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
All Kinds of Plants ISBN 0022789669 6 PK ISBN 22792996	1.1, 3.1	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	4.2	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	3.2, 3.4	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	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

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At the Petting Zoo ISBN 0022789650 6 PK ISBN 22792988	1.1	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	1.1, 4.4, 4.6	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.	cloud rain snow
From Seed to Sunflower ISBN 0022845879 6 PK ISBN 22863788	1.2, 3.2, 3.4, 3.5	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	5.1	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	1.1, 2.1	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	4.2	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	1.1, 4.1, 4.3	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	1.1	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	1.1, 1.4, 2.1	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	1.1, 1.4, 2.1, 4.4, 4.5	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	1.1, 1.4, 3.1, 3.5	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	1.1, 4.2	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	1.1, 3.1	C	270	<i>Plant Parts</i> identifies roots, stems, leaves, flowers, cones, and fruits as plant parts.	fruit root stem
Plants Grow ISBN 0022810781 6 PK ISBN 22827129	3.5	B	BR	<i>Plants Grow</i> identifies water, light, and soil as basic needs of plants.	soil
Recycle, Reduce, Reuse ISBN 0022845941 6 PK ISBN 22863850	4.3	C	340	<i>Recycle, Reduce, Reuse</i> 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	1.1, 2.1, 4.1	C	20	<i>Rocks</i> compares the colors, sizes, and textures of a variety of rocks.	rock
Seasons ISBN 002284595X 6 PK ISBN 22863869	4.4	A	50	<i>Seasons</i> 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	1.1, 3.1	A	310	<i>Small Plants, Tall Plants</i> describes the characteristics of some types of plants and points out differences among plants.	moss redwood sunflower

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TITLE	CO STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
Soft or Hard? ISBN 0022845984 6 PK ISBN 22863893	1.1, 2.1	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.	matter solid
That Night Sky ISBN 0022810838 6 PK ISBN 002282717X	1.1, 4.6, 5.1	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.	moon stars
Toys that Move ISBN 0022789715 6 PK ISBN 22793046	2.3	C	330	<i>Toys That Move</i> 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	2.1	C	BR	<i>Water Moves</i> 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	1.1, 2.3	C	260	<i>What Can a Magnet Do?</i> 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	1.1, 4.4	B	BR	<i>What Is the Weather?</i> uses the terms sunny, rainy, windy, cloudy, and snowy to describe the weather.	cloudy weather windy

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What Kind of Animal Are You? ISBN 0022845887 6 PK ISBN 22863796	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	4.4	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	1.1, 1.4, 4.1, 4.3	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	3.1, 3.5	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	4.1, 4.3	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	4.1, 4.3	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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Colorado Model Content Standards for Science

Standard 1

Students apply the processes of scientific investigation and design, conduct, communicate about, and evaluate such investigations.

- 1.1 use their senses to make and describe careful observations
- 1.2 ask questions and make predictions
- 1.3 conduct simple experiments using tools and technology (for example: computers, thermometers, magnifiers, rulers, balances)
- 1.4 record data, report on findings and explain with reasons

Standard 2

Physical Science: Students know and understand common properties, forms, and changes in matter and energy. (Focus: Physics and Chemistry)

- 2.1 solids and liquids (matter) can be identified, compared, sorted/classified by their physical properties (for example: size, shape, texture, flexibility, temperature, color and patterns)
- 2.2 mixtures can be created and separated based on physical properties (for example: salt and sand, iron filings and soil, oil and water)
- 2.3 the only way to change the motion of an object is by pushing or pulling on it (force)

Standard 3

Life Science: Students know and understand the characteristics and structure of living things, the processes of life, and how living things interact with each other and their environment. (Focus: Biology-- Anatomy, Physiology, Botany, Zoology, Ecology)

- 3.1 an organism (plant, animal) is a living thing that has physical characteristics that help it to survive
- 3.2 offspring have characteristics that are similar to but not exactly like their parents
- 3.3 fossil evidence helps identify organisms that once lived on Earth but have completely disappeared (for example: dinosaurs, dodo bird, woolly mammoth and saber tooth tiger)

- 3.4 there are similarities and differences in growth and development of organisms (for example: insect, plant, mammal)
- 3.5 organisms interact with each other and with nonliving parts of their habitat to meet their basic needs (for example: food, water, air, shelter, space)

Standard 4**Earth and Space Science: Students know and understand the processes and interactions of Earth's systems and the structure and dynamics of Earth and other objects in space. (Focus: Geology, Meteorology, Astronomy, Oceanography)**

- 4.1 there are different types of Earth's materials that come in different shapes and sizes (for example: rocks and soil)
- 4.2 there are major features of Earth's surface (for example: mountains, rivers, plains, hills, oceans, plateaus)
- 4.3 the Earth's materials (rocks, soil, water) provide many of the resources that humans use and reuse
- 4.4 our activities are affected by the daily weather and changing seasons (for example: types of clothing, travel plans, recreational activity)
- 4.5 the Sun is the source of Earth's heat and light
- 4.6 objects can be readily observed in the daytime and nighttime sky (for example: the Sun, Moon, stars)

Standard 5**Students understand that the nature of science involves a particular way of building knowledge and making meaning of the natural world**

- 5.1 basic observable patterns and changes in the world can help to predict future events based on those patterns (for example: seasonal weather patterns, day/night)