

TITLE	OH STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY	VOCABULARY
A Favorite Season ISBN 0022789731 6 PK ISBN 22793062	ESS-5, SI-4, SI-5	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	LS-5, SI-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	SI-4, SI-5	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	SI-4	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	LS-3, SI-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
Animals on the Move ISBN 0022845895 6 PK ISBN 22863818	LS-5	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	PS-3, SI-4	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	ESS-4, SI-4	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	LS-3, LS-6	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	SI-4, SI-5	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-3, SI-5	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	SI-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.	canyon mountain valley

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Made from Clay ISBN 0022845992 6 PK ISBN 22863915	PS-2, PS-3, SI-4	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	ST-2	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-1, PS-2, SI-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
Melting Snow ISBN 0022846026 6 PK ISBN 22863931	ESS-4, SI-4	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	LS-5, SI-4, SI-5, SI-7	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	SI-4, SI-5	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	LS-5, SI-3, SI-4, SI-5, SI-7	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	LS-1	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	ST-2, SWK-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	PS-3, SI-4	C	20	<i>Rocks</i> compares the colors, sizes, and textures of a variety of rocks.	rock
Seasons ISBN 002284595X 6 PK ISBN 22863869	ESS-5	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	LS-5, PS-3, SI-4	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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Soft or Hard? ISBN 0022845984 6 PK ISBN 22863893	PS-3, SI-4	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	ESS-1, SI-4, SI-5	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	PS-4, PS-5, SI-5	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	PS-3	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	PS-5, SI-4, SI-7	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	ESS-4, SI-4, SI-5	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	LS-5, SI-5	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	ESS-5, SI-5	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	SI-4, SI-5, SWK-4	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	LS-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	PS-2	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-1, PS-2	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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Ohio Science Academic Content Standards

Standard 1

Earth and Space Sciences

The Universe

ESS-1 Observe that the sun can be seen only in the daytime, but the moon can be seen sometimes at night and sometimes during the day.

Processes That Shape Earth

ESS-2 Explore that animals and plants cause changes to their surroundings.

ESS-3 Explore that sometimes change is too fast to see and sometimes change is too slow to see.

ESS-4 Observe and describe day-to-day weather changes (e.g., today is hot, yesterday we had rain).

ESS-5 Observe and describe seasonal changes in weather.

Standard 2

Life Sciences

Characteristics and Structure of Life

LS-1 Explore differences between living and non-living things (e.g., plant-rock).

LS-2 Discover that stories (e.g., cartoons, movies, comics) sometimes give plants and animals characteristics they really do not have (e.g., talking flowers).

Heredity

LS-3 Describe how plants and animals usually resemble their parents.

LS-4 Investigate variations that exist among individuals of the same kind of plant or animal.

Diversity and Interdependence of Life

- LS-5 Investigate observable features of plants and animals that help them live in different kinds of places.
- LS-6 Investigate the habitats of many different kinds of local plants and animals and some of the ways in which animals depend on plants and each other in our community.

Standard 3**Physical Sciences****Nature of Matter**

- PS-1 Demonstrate that objects are made of parts (e.g., toys, chairs).
- PS-2 Examine and describe objects according to the materials that make up the object (e.g., wood, metal, plastic and cloth).
- PS-3 Describe and sort objects by one or more properties (e.g., size, color and shape).

Forces and Motion

- PS-4 Explore that things can be made to move in many different ways such as straight, zigzag, up and down, round and round, back and forth, or fast and slow.
- PS-5 Investigate ways to change how something is moving (e.g., push, pull).

Standard 4**Science and Technology****Understanding Technology**

- ST-1 Explore that objects can be sorted as "natural" or "man-made".
- ST-2 Explore that some materials can be used over and over again (e.g., plastic or glass containers, cardboard boxes and tubes).

Abilities To Do Technological Design

ST-3 Explore that each kind of tool has an intended use, which can be helpful or harmful (e.g., scissors can be used to cut paper but they can also hurt you).

Standard 5**Scientific Inquiry****Doing Scientific Inquiry**

- SI-1 Ask "what if" questions.
- SI-2 Explore and pursue student-generated "what if" questions.
- SI-3 Use appropriate safety procedures when completing scientific investigations.
- SI-4 Use the five senses to make observations about the natural world.
- SI-5 Draw pictures that correctly portray features of the item being described.
- SI-6 Recognize that numbers can be used to count a collection of things.
- SI-7 Use appropriate tools and simple equipment/instruments to safely gather scientific data (e.g., magnifiers and other appropriate tools).
- SI-8 Measure the lengths of objects using non-standard methods of measurement (e.g., teddy bear counters and pennies).
- SI-9 Make pictographs and use them to describe observations and draw conclusions.
- SI-10 Make new observations when people give different descriptions for the same thing.

Standard 6**Scientific Ways of Knowing****Nature of Science**

SWK-1 Recognize that scientific investigations involve asking open-ended questions. (How? What if?)

SWK-2

Recognize that people are more likely to accept your ideas if you can give good reasons for them.

Ethical Practices

SWK-3

Interact with living things and the environment in ways that promote respect.

Science and Society

SWK-4

Demonstrate ways science is practiced by people everyday (children and adults).