

TITLE	MA STANDARDS ADDRESSED	GR LEVEL	LEXILE LEVEL	BOOK SUMMARY
A Favorite Season ISBN 0022789731 6 PK ISBN 22793062	Earth/Space # 1, Earth/Space # 5, Life # 6, Life # 7	D	90	A Favorite Season describes characteristics of each of the four seasons, and uses pictures to illustrate weather and activities associated with each season
All About Animals ISBN 0022845917 6 PK ISBN 22863826	Life # 8	C	380	All About Animals describes characteristics that help animals survive in their specific habitats. Photo are used to illustrate each of the animals and their habitats.
All Kinds of Plants ISBN 0022789669 6 PK ISBN 22792996	Life # 2, Tech/Eng # 1.2	B	BR	All Kinds of Plants uses simple words and pictures to describe and compare plants. This book also identifies some plants that are commonly used by people as food.
America, The Beautiful ISBN 0022845925 6 PK ISBN 22863834	Earth/Space # 1	A	230	America the Beautiful 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.
Animals Grow ISBN 002281079X 6 PK ISBN 22827137	Life # 1, Life # 3, Life # 4	D	210	Animals Grow 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.
Animals on the Move ISBN 0022845895 6 PK ISBN 22863818	Physical # 3	B	180	Animals on the Move uses photos to show how different kinds of animals move. Crawling, running, leaping, flying, and swimming are each shown.
At the Petting Zoo ISBN 0022789650 6 PK ISBN 22792988	Life # 6, Physical # 1	C	NP	At the Petting Zoo uses illustrations and single-word descriptions to identify differences among animals.

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Clouds ISBN 002281082X 6 PK ISBN 22827161	Earth/Space # 1	C	150	Clouds describes 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.
From Seed to Sunflower ISBN 0022845879 6 PK ISBN 22863788	Life # 3, Life # 4	C	320	From Seed to Sunflower shows and describes the life cycle of a sunflower plant.
Good Morning ISBN 0022784594 6 PK ISBN 22792880	Earth/Space # 5	B	BR	Good Morning 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.
I Like Ice ISBN 0022846034 6 PK ISBN 002286394X	Physical # 2, Tech/Eng # 1.2	B	210	I Like Ice 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.
Land High and Low ISBN 0022810811 6 PK ISBN 22827153	Earth/Space # 1	C	150	Land High and Low describes mountains, valleys, canyons, and shows the ocean shore. Activities associated with each landform, such as hiking and sledding, are also mentioned.
Made from Clay ISBN 0022845992 6 PK ISBN 22863915	Tech/Eng # 1.1, Tech/Eng # 1.2	B	260	Made From Clay identifies clay as an earth material and shows the many ways that people use clay.
Making Sounds ISBN 0022820272 6 PK ISBN 22869174	Tech/Eng # 1.2	C	70	Let's Make Sounds shows several different ways that students can generate sounds. Photographs show students using recycled materials as musical instruments.

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Matter Changes ISBN 0022846042 6 PK ISBN 22863958	Physical # 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.
Melting Snow ISBN 0022846026 6 PK ISBN 22863931	Earth/Space # 4, Physical # 2	A	40	<i>Melting Snow</i> describes the change of state from solid to liquid that occurs when sunlight warms snow.
Our Desert Home ISBN 0022789723 6 PK ISBN 22793054	Earth/Space # 1, Life # 2, Life # 8	C	BR	<i>Our Desert Home</i> uses illustrations to identify the plants, insects, reptiles, birds, and mammals that live in a desert habitat.
Our Land ISBN 0022845933 6 PK ISBN 22863842	Earth/Space # 1	B	330	<i>Our Land</i> uses photographs to illustrate landforms and habitats, such as mountains, forests, valleys, deserts, rivers, and oceans.
Plant Parts ISBN 0022789677 6 PK ISBN 22793003	Life # 1	C	270	<i>Plant Parts</i> identifies roots, stems, leaves, flowers, cones, and fruits as plant parts.
Plants Grow ISBN 0022810781 6 PK ISBN 22827129	Life # 1, Life # 8	B	BR	<i>Plants Grow</i> identifies water, light, and soil as basic needs of plants.
Recycle, Reduce, Reuse ISBN 0022845941 6 PK ISBN 22863850	Tech/Eng # 1.2	C	340	<i>Recycle, Reduce, Reuse</i> uses brief explanations and photos to define each of these methods of protecting the environment.

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Rocks ISBN 0022810803 6 PK ISBN 22827145	Earth/Space # 1, Life # 2, Physical # 1	C	20	Rocks compares the colors, sizes, and textures of a variety of rocks.
Seasons ISBN 002284595X 6 PK ISBN 22863869	Earth/Space # 1	A	50	Seasons illustrates the weather, clothing, and activities associated with each of the four seasons.
Small Plants Tall Plants ISBN 0022845852 6 PK ISBN 22863761	Life # 2, Physical # 1	A	310	Small Plants, Tall Plants describes the characteristics of some types of plants and points out differences among plants.
Soft or Hard? ISBN 0022845984 6 PK ISBN 22863893	Physical # 1, Physical # 2	A	BR	Soft or Hard? defines matter and describes different textures associated with solid matter. Examples of objects with different textures are identified.
That Night Sky ISBN 0022810838 6 PK ISBN 002282717X	Earth/Space # 5	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 pictured.
Toys that Move ISBN 0022789715 6 PK ISBN 22793046	Earth/Space # 2, Physical # 3, Physical # 4	C	330	Toys That Move uses toys to illustrate the fact that pushes and pulls (forces) change the motion of objects.
Water Moves ISBN 0022810862 6 PK ISBN 22827218	Physical # 2	C	BR	Water Moves uses simple rhyming text to identify some of the properties of solid and liquid water.

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What Can a Magnet Do? ISBN 0022846018 6 PK ISBN 22863923	Physical # 4	C	260	<i>What Can a Magnet Do?</i> explains that magnets can push or pull objects and shows some applications of magnets.
What is the Weather? ISBN 0022845968 6 PK ISBN 22863877	Earth/Space # 2, Earth/Space # 1	B	BR	<i>What Is the Weather?</i> uses the terms sunny, rainy, windy, cloudy, and snowy to describe the weather.
What Kind of Animal Are You? ISBN 0022845887 6 PK ISBN 22863796	Life # 2	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.
What Will I Wear Today? ISBN 0022845976 6 PK ISBN 22863885	Earth/Space # 1	C	170	<i>What Will I Wear Today?</i> shows clothing associated with each season of the year.
What's in the Soil? ISBN 0022789707 6 PK ISBN 22793038	Earth/Space # 1	C	BR	<i>What's In the Soil?</i> identifies living and nonliving things found in soil.

<p>Where Do Plants Live?</p> <p>ISBN 0022845860 6 PK ISBN 002286377X</p>	<p>Life # 8</p>	<p>B</p>	<p>350</p>	<p><i>Where Do Plants Live?</i> shows the types of plants associated with different environments.</p>
<p>Working with Clay</p> <p>ISBN 0022810854 6 PK ISBN 22827196</p>	<p>Tech/Eng # 1.1, Tech/Eng # 1.2</p>	<p>G</p>	<p>510</p>	<p><i>Working with Clay</i> shows that clay is an earth material, and sequences the steps in making a useful product with clay.</p>
<p>Working with Wood</p> <p>ISBN 0022810846 6 PK ISBN 22827188</p>	<p>Tech/Eng # 1.1, Tech/Eng # 1.2, Tech/Eng # 2.1</p>	<p>E</p>	<p>290</p>	<p><i>Working with Wood</i> explains that wood comes from trees and describes the processes used to make useful products with wood.</p>

Massachusetts Science and Technology/Engineering Curriculum Framework

Standard

Earth and Space Science, Grade K

Earth’s Materials

Earth/Space # 1

Recognize that water, rocks, soil, and living organisms are found on the earth’s surface.

Earth/Space # 2

Understand that air is a mixture of gases that is all around us and that wind is moving air.

The Weather

Earth/Space # 3 Describe the weather changes from day to day and over the seasons.

The Sun as a Source of Light and Heat

Earth/Space # 4 Recognize that the sun supplies heat and light to the earth and is necessary for life..

Periodic Phenomena

Earth/Space # 5 Identify some events around us that have repeating patterns, including the seasons of the year, day and night.

Standard

Life Science (Biology), Grade K

Characteristics of Living Things

Life # 1 Recognize that animals (including humans) and plants are living things that grow, reproduce, and need food, air, and water.

Life # 2 Differentiate between living and nonliving things. Group both living and nonliving things according to the characteristics that they share.

Life # 3 Recognize that plants and animals have life cycles, and that life cycles vary for different living things.

Heredity

Life # 4 Describe ways in which many plants and animals closely resemble their parents in observed appearance.

Evolution and Biodiversity

Life # 5 Recognize that fossils provide us with information about living things that inhabited the earth years ago.

Living Things and Their Environment

Life # 6 Recognize that people and other animals interact with the environment through their senses of sight, hearing, touch, smell, and taste.

- Life # 7 Recognize changes in appearance that animals and plants go through as the seasons change.
- Life # 8 Identify the ways in which an organism's habitat provides for its basic needs (plants require air, water, nutrients, and light; animals require food, water, air, and shelter).

Standard**Physical Sciences (Chemistry and Physics), Grade K****Observable Properties of Objects**

- Physical # 1 Sort objects by observable properties such as size, shape, color, weight, and texture.

States of Matter

- Physical # 2 Identify objects and materials as solid, liquid, or gas. Recognize that solids have a definite shape and that liquids and gases take the shape of their container.

Position and Motion of Objects

- Physical # 3 Describe the various ways that objects can move, such as in a straight line, zigzag, back-and-forth, round-and-round, fast, and slow.
- Physical # 4 Demonstrate that the way to change the motion of an object is to apply a force (give it a push or a pull). The greater the force, the greater the change in the motion of the object.
- Physical # 5 Recognize that under some conditions, objects can be balanced.

Standard**Technology/Engineering, Grade K****Materials and Tools**

- Tech/Eng # 1 Identify and describe characteristics of natural materials (e.g., wood, cotton, fur, wool) and human-made materials (e.g., plastic, Styrofoam).
- Tech/Eng # 2 (Identify and explain some possible uses for natural materials (e.g., wood, cotton, fur, wool) and human-made materials (e.g., plastic, Styrofoam).

Tech/Eng # 3 Identify and describe the safe and proper use of tools and materials (e.g., glue, scissors, tape, ruler, paper, toothpicks, straws, spools) to construct simple structures.

Engineering Design

Tech/Eng # 4 Identify tools and simple machines used for a specific purpose, e.g., ramp, wheel, pulley, lever.

Tech/Eng # 5 Describe how human beings use parts of the body as tools (e.g., teeth for cutting, hands for grasping and catching), and compare their use with the ways in which animals use those parts of their bodies.