

**Correlation to
Louisiana
Comprehensive
Curriculum for
Science
Pre K - 5th Grade**

Rourke Publishing

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**Pre Kindergarten
SCIENCE**

Unit One: Grouping and Sorting Objects

The unit is designed to introduce colors, shapes, sizes, and hot and cold to students for comparison. These concepts are not intended to be taught in isolation and should be integrated across the curriculum as meaningful to the students.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Do You Think It's Funny When...? (Science About Me)	18-9339	23.70		5,34	C
I Can Make Colors (Science About Me)	18-9258	23.70		4,35	D
Living Colors (Emergent)	18-2466	23.70		47	C
Our Attribute Walk (Early)	18-2598	29.70		48	F
Sorting It All Out (Early)	18-261X	29.70		48	G/H
Sticky Stuff (Early)	18-2628	29.70		34	G/H
What is Big, Big, Big? (Science About Me)	18-9304	23.70		4	C
What is Hot? What is Not? (Early)	18-2644	29.70		34	D/E
Shapes (Poetry)	18-972X	29.70		5	D

Unit Three: Mixtures

The unit is designed to introduce students to the concept of both liquid and solid mixtures. Students will learn proper use of hand lenses as tools for seeing small objects close up. This unit is not intended to be taught in isolation and should be implemented across the curriculum as meaningful to students.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Dirt (Early)	18-2563	29.70		48	G/H
I Can Make Colors (Science About Me)	18-9258	23.70		4,35	D
Let's Look At Rocks (Early)	18-258X	29.70		34	F
Measure It (Tool Kit)	18-5279	35.70		35	L
What Can You Make? (Science About Me)	18-9320	23.70		4,38	C

Unit Four: Position and Motion

This unit is designed to help students understand and describe motion. The concept of motion and the ability to describe observed motions are not intended to be taught in isolation and should be integrated across the curriculum as meaningful to the students.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
In All Directions (Emergent)	18-2431	23.70		34	C
Making Things Move (Emergent)	18-2474	23.70		34	B
Moving Machines (Construction Forces)	18-549X	35.70		34	M

Unit Five: Plants and Animals

The unit is designed to help students identify plants and animals. It will help students develop a sense of the world through living things around them. These concepts are not intended to be taught in isolation and should be integrated across the curriculum as meaningful to students.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Animal Covers (Early)	18-2547	29.70		48	G/H
Animals Together (Early)	18-2555	29.70		48	G/H
At the Pond (Emergent)	18-2415	23.70		47	B
G is for Grass (Emergent)	18-2423	23.70		47	B
Insects (Emergent)	18-7328	23.70		34	C
Let's Look for Birds (Emergent)	18-2458	23.70		34	D
Living Colors (Emergent)	18-2466	23.70		47	C
Mammal Moms and Their Young (Emergent)	18-2482	23.70		34	D
Plant Foods (Emergent)	18-2490	23.70		35	C
Pumpkin Time (Early)	18-2601	29.70		35	F
Thank You, Plants (Early)	18-2636	29.70		35	F/G
What Does Your Pet Do? (Science About Me)	18-9274	23.70		4	C

Unit Six: Changes in the Weather

This unit is designed to help the students become aware of the weather conditions and changes in the weather through physical sensing and observable events. These concepts are not intended to be taught in isolation and should be integrated across the curriculum as meaningful to the students.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Air Around Us (Early)	18-2539	29.70		35	L/G
Do You Think It's Funny When...? (Science About Me)	18-9339	23.70		5,34	C
What is Hot? What is Not? (Early)	18-2644	29.70		48	D/E
When It Rains (Emergent)	18-2520	23.70		47	D/E
Season to Season (Nature's Cycle)	18-5392	35.70		5,34	L/M
Storms (Weather Reports)	18-7712	35.70		34	K
Clouds (Weather Reports)	18-7690	35.70		34	J

Unit Seven: Objects in the Sky

This unit is designed to introduce students to the sun, moon, and stars. This unit defines the sky and has students consider clouds and weather, air and space travel, and animals that use the sky to move from one place to another (insects, birds). These concepts are not intended to be taught in isolation and should be integrated across the curriculum as meaningful to students.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Air Around Us (Early)	18-2539	29.70		35	L/G
Let's Look for Birds (Emergent)	18-2458	23.70		34	D
Clouds (Weather Reports)	18-7690	35.70		34	J
Day and Night (Nature's Cycle)	18-5414	35.70		5,34	L/M
High Tide, Low Tide (Nature's Cycle)	18-5406	35.70		34	L/M

Kindergarten SCIENCE

Unit One: Describing Objects

This unit focuses on the use of the five senses to develop a heightened awareness of the world. Skill development is centered on observing, describing and classifying objects.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Animal Covers (Early)	18-2547	29.70		48	G/H
Do You Think It's Funny When...? (Science About Me)	18-9339	23.70		5,34	C
I Can Make Colors (Science About Me)	18-9258	23.70		4,35	D
Living Colors (Emergent)	18-2466	23.70		47	C
Our Attribute Walk (Early)	18-2598	29.70		48	F
Sorting It All Out (Early)	18-261X	29.70		48	G/H
What is Big, Big, Big? (Science About Me)	18-9304	23.70		4	C
Loud Sounds, Soft Sounds (Construction Forces)	18-552X	35.70		34	K/L
Sound (How Can I Experiment With...)	18-0173	41.70		36	P

Unit Two: Sorting and Constructing Patterns

This unit develops the skill of recognizing patterns among objects and developing groups of objects based on observable characteristics. Sorting materials such as buttons, seeds, rocks, and leaves provide a variety of experiences in observing, sorting, and grouping objects based on color or texture or other observable characteristics.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Our Attribute Walk (Early)	18-2598	29.70		48	F
Patterns in Nature (Fluent)	18-2741	29.70		49	H/I
Sorting It All Out (Early)	18-261X	29.70		48	G/H
Parades of Arrays (My First Math)	18-9517	35.70		35	J/K

Unit Three: Mixtures and Their Properties

This unit is designed to build basic knowledge of mixtures and their properties. Activities in the unit include making mixtures from commonly available dry and/or liquid materials and identifying mixtures in nature.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Dirt (Early)	18-2563	29.70		48	G/H
I Can Make Colors (Science About Me)	18-9258	23.70		4,35	D
Let's Look At Rocks (Early)	18-258X	29.70		48	F
What Can You Make? (Science About Me)	18-9320	23.70		4,34	C

Unit Four: Motion, Speed and Direction

Activities provide experiences with outside forces (such as attraction to magnets) and examine how they may influence motion, speed, and direction. The unit is designed to allow experiences that develop an understanding of directions and use directional vocabulary.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Beep-Beep! Honk! (Living In My World)	18-9282	23.70		5	D
In All Directions (Emergent)	18-2431	23.70		34	C
Making Things Move (Emergent)	18-5474	23.70		34	B
Moving Machines (Construction Forces)	18-549X	35.70		34	M

Unit Five: Living and Nonliving Things

The focus of this unit is on living and nonliving objects and the differences and similarities among them. It is designed to introduce the concepts of the structure and function of their own bodies.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Animals Together (Early)	18-2555	29.70		48	G/H
At the Pond (Emergent)	18-2415	23.70		34	B
Insects (Emergent)	18-7328	23.70		34	C
Let's Look For Birds (Emergent)	18-2458	23.70		34	D
Living Colors (Emergent)	18-2466	23.70		35	C
Mammal Moms and Their Young (Emergent)	18-2482	23.70		34	D
Sorting It All Out (Early)	18-261X	29.70		35	G/H
What Does Your Pet Do? (Science About Me)	18-9274	23.70		4	C
What is Good For You? (Science About Me)	18-9266	23.70		4	C
Beaks and Bills (Let's Look at Animals)	18-5279	35.70		4,34	K/L
Teeth and Fangs (Let's Look at Animals)	18-5295	35.70		4	J/K
Animal Tails (Let's Look at Animals)	18-5287	35.70		4	J/K
Antlers and Horns (Let's Look at Animals)	18-5333	35.70		34	K/L
Hooves and Claws (Let's Look at Animals)	18-5260	35.70		5	J/K

Unit Six: Food Groups and Nutrition

This unit provides instruction for learning where foods come from, how people prepare various foods for eating, and why food is important for life. Through activities and discussion, this unit may raise awareness of choosing healthy meals and snacks for the benefit of a healthier body and life style.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Plant Foods (Emergent)	18-2490	23.70		47	C
Thank You, Plants (Early)	18-2636	29.70		48	F/G
What is Good for You? (Science About Me)	18-9266	23.70		4	C
Food Around the World (Living In My World)	18-9592	23.70		5	G/H
Harvest Time (My First Math)	18-9460	35.70		34	J/K
Pumpkin Time (Early)	18-2601	29.70		48	F

Unit Seven: Life Cycles and Development

This unit develops knowledge of living things (plants and animals) as growing and changing over time and having distinct predictable life cycles.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Animals Together (Early)	18-2555	29.70		48	G/H
Mammal Moms and Their Young (Emergent)	18-2482	23.70		47	D
Pumpkin Time (Early)	18-2601	29.70		48	F
Animal Cycle (Nature's Cycle)	18-5384	35.70		5,35	K/L
Birds (What is an Animal?)	18-7301	35.70		4,34	I

Unit Eight: Variations Among Living Things

This unit will introduce the concept of variations among living things. This concept includes living things that may seem similar (dogs, flowers, trees).

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Living Colors (Emergent)	18-2466	23.70		47	C
Our Attribute Walk (Early)	18-2598	29.70		48	F
Sorting It All Out (Early)	18-261X	29.70		48	G/H

Unit Nine: Earth and Sky

This unit introduces the concept of Earth as a planet in space. Activities bring in the use of a globe as a small model of Earth and maps as flat pictures of places on Earth. This unit introduces the major features of maps and globes such as land areas, oceans, mountains, deserts, lakes, rivers, snow, and/or ice.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Walk on Maps (My First Math)	18-9509	35.70		35	J/K
You are Here (My Neighborhood)	18-5546	35.70		4,35	I/J
Living in the Arctic (Animal Habitats)	18-5422	35.70		34	J/K
Living in the Desert (Animal Habitats)	18-5430	35.70		34	J/K
Living in the Grassland (Animal Habitats)	18-5457	35.70		34	J/K

Unit Ten: Changes in Earth and Sky

This unit develops understanding that change is a naturally occurring event. Activities focus on change that is cyclical and predictable (e.g., day/night, weather, seasons). The unit will also demonstrate that the location and movements of certain large objects (moon, sun) in the sky are predictable on a daily, monthly, and yearly basis.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Autumn (A to Z of Seasons)	18-196X	41.70			C
Spring (A to Z of Seasons)	18-1978	41.70			C
Summer (A to Z of Seasons)	18-1986	41.70			C
Winter (A to Z of Seasons)	18-1994	41.70			C
Season to Season (Nature's Cycle)	18-5392	35.70		5,34	L/M
The Seasons of the Year (Big Books)	18-5962	29.70		34	
High Tide, Low Tide (Nature's Cycle)	18-5406	35.70		34	L/M
Day and Night (Nature's Cycle)	18-5414	35.70		5,34	L/M

**Grade 1
SCIENCE**

Unit One: Measuring, Sorting, and Ordering

This unit introduces measurement skills, sorting, and classifying, as a way to investigate the properties of matter. Standard and non-standard units are used in science experiments and real life situations.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Everything Under the Sun (Big Books)	18-292X	29.70		35	
Measuring Our World (Fluent)	18-2725	29.70		37	I
Our Attribute Walk (Early)	18-2598	29.70		35	F
Sorting it all Out (Early)	18-261X	29.70		35	G/H
Sticky Stuff (Early)	18-2628	29.70		35	F
Things that Balance (Construction Forces)	18-5481	35.70		6,35	M
You are a Scientist (Big Books)	18-2970	29.70		35	
Measure It (Tool Kit)	18-5279	35.70		35	L

Unit Two: Heat, Sound, and Light

Students identify several forms of energy, including sound, light, and heat. They will understand that energy is necessary to do work.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Energy Everywhere (Construction Forces)	18-5538	35.70		34	M
Loud Sounds, Soft Sounds (Construction Forces)	18-552X	35.70		7,34	K/L
Friction (Fluent)	18-2679	29.70		36	J/K
Listen to This (Fluent)	18-2717	29.70		36	H/I
The Work Book (Big Books)	18-2938	29.70		34	
Good Friction, Bad Friction (Construction Forces)	18-5511	35.70		34	K/L
Sound (How Can I Experiment With...)	18-0173	41.70		34	P
Pushes and Pulls (Construction Forces)	18-5503	35.70		7,34	M
Forces and Motion (How Can I Experiment With...)	18-0173	41.70		34	M

Unit Three: Magnetism

Students will become familiar with various types of magnets and how they act upon objects and other magnets. Students will learn how to locate the poles on various types of magnets. Students will demonstrate an understanding of how like poles repel and unlike poles attract.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Everything Under the Sun (Big Books)	18-292X	29.70		35	
Made of Metal (Fluent)	18-2687	29.70		37	J/K

Unit Five: Variations, Changes, and Adaptations in the Environment

This unit introduces environmental science and includes biological concepts. Activities encourage exploration, observation, and description of naturally occurring changes.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Animal Lives (Big Books)	18-2946	29.70		34	
Animal Tails (Let's Look at Animals)	18-5287	35.70		4	J/K
Animals Together (Early)	18-2555	29.70			G/H
Antlers and Horns (Let's Look at Animals)	18-5333	35.70		6,34	K/L
Beaks and Bills (Let's Look at Animals)	18-5279	35.70		4,34	K/L
Camouflage and Disguise (Let's Look at Animals)	18-5325	35.70		6	J/K
Dirt (Early)	18-2563	29.70		34	G/H
Feathers and Fur (Let's Look at Animals)	18-5309	35.70		6	J/K
From an Egg (Let's Look at Animals)	18-5317	35.70		6	K/L
Getting Dinner (Fluent)	18-2407	29.70		36	I
Hooves and Claws (Let's Look at Animals)	18-5260	35.70		6	J/K
Hurray for Plants (Fluent)	18-2695	29.70		37	J
Ants (Insects Discovery Library)	18-7387	35.70		7,34	D
Butterflies (Insects Discovery Library)	18-7395	35.70		34	F
Dragonflies (Insects Discovery Library)	18-7409	35.70		34	G
Katydid (Insects Discovery Library)	18-7417	35.70		7,34	G
Ladybugs (Insects Discovery Library)	18-7425	35.70		7,34	F
Praying Mantises (Insects Discovery Library)	18-7433	35.70		34	D
Life Cycle of a Monarch Butterfly (Fluent)	18-2709	35.70		7,36	G/H
Living in a Desert (Animal Habitats)	18-5430	35.70		34	J/K
Living in a Forest (Animal Habitats)	18-5449	35.70		6,34	J/K
Living in a Grassland (Animal Habitats)	18-5457	35.70		34	J/K
Living in a Rainforest (Animal Habitats)	18-5473	35.70		34	J/K
Living in an Ocean (Animal Habitats)	18-5422	35.70		7,34	J/K
Living in the Arctic (Animal Habitats)	18-5465	35.70		34	J/K
Animal Cycle (Nature's Cycle)	18-5384	35.70		6,34	K/L
Hibernation (Nature's Cycle)	18-535X	35.70		6,34	K/L
Migration (Nature's Cycle)	18-5368	35.70		6,34	L/M
Plant Cycle (Nature's Cycle)	18-5376	35.70		7,34,35	K/L
Pumpkin Time (Early)	18-2601	29.70		35	F
Sorting it all Out (Early)	18-261X	26.70		35	G/H
Teeth and Fangs (Let's Look at Animals)	18-5295	35.70		6	J/K
What Plant is This? (Big Books)	18-5954	29.70		37	
Mammal Mom & Their Young (Emergent)	18-2482	23.70		34	D
Reptiles (What is an Animal?)	18-7352	35.70		34	K
Amphibians (What is an Animal?)	18-7298	35.70		34	K
Birds (What is an Animal?)	18-7301	35.70		6,34	I
Dirt (Early)	18-2563	29.70		34	G/H

Unit Six: The Changing Weather and Local Events

This unit creates awareness of the changes in the weather that occur daily and seasonally. These changes can be observed, measured, and recorded. The unit focuses on how water changes from one form to another, the amount of water on Earth, and the seasonal patterns of precipitation.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Autumn (A to Z of Seasons)	18-196X	41.70			C
Spring (A to Z of Seasons)	18-1978	41.70			C
Summer (A to Z of Seasons)	18-1986	41.70			C
Winter (A to Z of Seasons)	18-1994	41.70			C
Back to the Sea (Fluent)	18-2652	29.70		36	J
Everything Under the Sun (Big Books)	18-292X	29.70		35	
Season to Season (Nature's Cycle)	18-5392	35.70		6,34	L/M
Water Cycle (Nature's Cycle)	18-5341	35.70		6,34	L/M
One Spring Day and Night (Big Books)	18-2733	29.70		36	
The Seasons of the Year (Big Books)	18-5962	29.70		34	
Clouds (Weather Reports)	18-7712	35.70		34	J
Rain, Snow, and Ice (Weather Reports)	18-7690	35.70		6,34	K
When it Rains (Emergent)	18-2520	23.70		34	D/E
Wind (Science Secrets)	18-781X	35.70		6,34	L
Living in an Ocean (Animal Habitats)	18-5422	35.70		7,34	J/K

Unit Seven: States of Matter

This unit focuses on exploration of the three states of matter (solids, liquids, and gases) and changes that occur.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Everything Under the Sun (Big Books)	18-292X	29.70		35	
Sticky Stuff (Early)	18-2628	29.70		35	F
What Can You Do with Water? (Emergent)	18-2504	23.70		35	B
What is Hot? What is Not? (Early)	18-2644	29.70		34	D/E

Grade 2 SCIENCE

Unit One: Matter

The focus of this unit is the concept that matter has observable properties, such as shape, texture, color, and size. Tools will be used to measure weight/mass, volume, and temperature. Observation skills will be used to record characteristics of materials and describe differences in motion.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Things That Balance (Construction Forces)	18-5481	35.70		9,35	M
Everything Under the Sun (Big Books)	18-292X	29.70		8,35	
Made of Metal (Fluent)	18-2687	29.70		8,37	J/K
Measuring Our World (Fluent)	18-2725	29.70		37	I
Put It Together (Fluent)	18-5619	29.70		35	I
Measure It (Tool Kit)	18-5279	35.70		35	L
Living Colors (Emergent)	18-2466	23.70		35	C
Our Attribute Walk (Early)	18-2598	29.70		35	F
Sorting It All Out (Early)	18-261X	29.70		35	G/H
Make It Smooth (Tool Kit)	18-5333	35.70		35	L/M
I Can Make Colors (Science About Me)	18-9258	23.70		35	D
Take It Apart (Tool Kit)	18-5317	35.70		35	M
What is Hot? What is Not? (Early)	18-2644	29.70		34	D/E

Unit Two: Sound and Light

The focus of this unit is that sound and light travel as waves. Sound is produced by vibrations and differs in volume and pitch. The direction that light waves travel can be changed.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Loud Sounds, Soft Sounds (Construction Forces)	18-552X	35.70		9,34	K/L
Listen To This (Fluent)	18-2717	29.70		36	H/I
Sound (How Can I Experiment With...)	18-0157	41.70			P

Unit Three: Electricity and Other Forms of Energy

This unit focuses on the observation of simple examples to present the concept of static electricity. Rubbing an inflated balloon on clothing or shoes on carpet generates static electricity by moving tiny particles called electrons from one object to another. This unit includes explorations of how other forms of energy are used in a variety of ways in our lives and around school.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Energy Everywhere (Construction Forces)	18-5538	35.70		8,34	M
Good Friction, Bad Friction (Construction Forces)	18-5511	35.70		8,34	K/L
Moving Machines (Construction Forces)	18-549X	35.70		9,34	M
Pushes and Pulls (Construction Forces)	18-5503	35.70		34	M
Friction (Fluent)	18-2679	29.70		36	J/K
The Work Book (Big Books)	18-2938	29.70		34	
Gravity (How Can I Experiment With...)	18-0327	41.70		34	O
Force and Motion (How Can I Experiment With...)	18-0122	41.70		34	M

Unit Four: Plants and Animals

The focus of this unit is an understanding of the characteristics of plants, animals, and other organisms, along with their basic and specialized needs for survival. The activities will generate questions to investigate regarding adaptations that individual organisms might make to survive.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Amphibians (What is an Animal?)	18-7298	35.70		34	K
Animal Lives (Big Books)	18-2946	29.70		34	
Birds (What is an Animal?)	18-7301	35.70		34	I
Fish (What is an Animal?)	18-731X	35.70		9	H
Flavors From Plants (Fluent)	18-2695	29.70		37	G
Getting Dinner (Fluent)	18-2407	29.70			I
Hurray for Plants (Fluent)	18-2695	23.70		9,37	J
Insects (What is an Animal?)	18-7328	35.70		34	J
Ants (Insect Discovery Library)	18-7387	35.70		34	D
Butterflies (Insect Discovery Library)	18-7395	35.70		34	F
Dragonflies (Insect Discovery Library)	18-7409	35.70		9,34	G
Katydid (Insect Discovery Library)	18-7417	35.70		34	G
Ladybugs (Insect Discovery Library)	18-7425	35.70		34	F
Praying Mantises (Insect Discovery Library)	18-7433	35.70		9,34	D
Invertebrates (What is an Animal?)	18-7336	35.70		9,34	I
Life Cycle of a Monarch Butterfly (Fluent)	18-2709	35.70		36	G/H
Farm Animals (Life on the Farm Discovery Library)	18-8786	35.70			L
Living in a Desert (Animal Habitats)	18-5430	35.70		34	J/K
Living in a Forest (Animal Habitats)	18-5449	35.70		8,34	J/K
Living in a Grassland (Animal Habitats)	18-5457	35.70		8,34	J/K
Living in a Rainforest (Animal Habitats)	18-5473	35.70		9,34	J/K
Living in an Ocean (Animal Habitats)	18-5422	35.70		9,34	J/K
Living in the Arctic (Animal Habitats)	18-5465	35.70		9,34	J/K
Mammals (What is an Animal?)	18-7344	35.70			J
Animal Cycle (Nature's Cycle)	18-5384	35.70		6,34	K/L
Plant Cycle (Nature's Cycle)	18-5376	35.70		8,34,35	K/L
Reptiles (What is an Animal?)	18-7352	35.70		34	K
Vertebrates (What is an Animal?)	18-7360	35.70		8,34	I
What Plant is This? (Big Books)	18-5954	23.70		9,35	
At the Pond (Emergent)	18-2415	23.70		34	B

Unit Five: Environment

This unit focuses on the components of habitats, what they are and how the environment affects them. It provides opportunities for students to examine ways to preserve the environment through recycling, reusing, and reducing consumption of natural resources.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Living in a Desert (Animal Habitats)	18-5430	35.70		8,34	J/K
Living in a Forest (Animal Habitats)	18-5449	35.70		34	J/K
Living in a Grassland (Animal Habitats)	18-5457	35.70		8,34	J/K
Living in a Rainforest (Animal Habitats)	18-5473	35.70		9,34	J/K
Living in an Ocean (Animal Habitats)	18-5422	35.70		9,34	J/K
Living in the Arctic (Animal Habitats)	18-5465	35.70		9,34	J/K
Elephants (Wildlife in Danger Discovery Library)	18-8239	35.70			H
Pandas (Wildlife in Danger Discovery Library)	18-8247	35.70			J
Rhinoceros (Wildlife in Danger Discovery Library)	18-8255	35.70		36	K
Seals (Wildlife in Danger Discovery Library)	18-8236	35.70			J
Tigers (Wildlife in Danger Discovery Library)	18-8271	35.70		36	H
Whales (Wildlife in Danger Discovery Library)	18-828X	35.70			H
What Can You Do with Water? (Emergent)	18-2504	23.70		35	B

Unit Six: Earth and Beyond

The focus of this unit is the natural resources available on Earth's surface; the different properties of the natural resources (e.g., surface water, soil, minerals, and rocks); and the fundamental attributes of Earth's moon, the Sun, and the stars.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Back to the Sea (Fluent)	18-2652	29.70		36	J
Day and Night (Nature's Cycles)	18-5414	35.70		34	L/M
High Tide, Low Tide (Nature's Cycles)	18-5406	35.70		9,34	L/M
Water Cycle (Nature's Cycles)	18-5341	35.70		8,34	L/M
Let's Look At Rocks (Early)	18-258X	29.70		34	F

Unit Seven: Weather

The focus of this unit is on the weather—how weather factors are measured and recorded, the use of appropriate tools for measuring the weather factors, and the effect of the Sun on weather and weather patterns.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Back to the Sea (Fluent)	18-2652	23.70		36	J
Day and Night (Nature's Cycle)	18-5414	35.70		34	L/M
High Tide, Low Tide (Nature's Cycle)	18-5406	35.70		9,34	L/M
Water Cycle (Nature's Cycle)	18-5341	35.70		8,34	L/M
Studying Weather (Weather Reports)	18-7720	35.70		34	M
Weather Signs (Weather Reports)	18-7747	35.70		36	J
The Seasons of the Year (Big Books)	18-5962	29.70		34	

Grade 3 SCIENCE

Unit One: Measuring and Describing Matter and Materials

In this unit, the student will explore changes in the states of matter and will utilize both the metric and U.S. units of measurement in their investigations of these changes.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Rain, Snow, and Ice (Weather Reports)	18-7704	35.70		34	K
Studying Weather (Weather Reports)	18-7720	35.70		34	M
The Weather and Us (Weather Reports)	18-7739	35.70		36	K
Measuring Our World (Fluent)	18-2725	29.70		37	I

Unit Two: Forces and Motion

The exploration of Newton's laws of force, motion, and the position of objects over time is the focus of this unit. Investigation of the characteristics of force and motion is provided throughout the activities.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Force and Motion (How Can I Experiment With..)	18-0173	41.70		36	M
Gravity (How Can I Experiment With..)	18-0327	41.70		36	O
Light (How Can I Experiment With..)	18-0343	41.70		36	P
Wind (Science Secrets)	18-781X	35.70		36	L

Unit Three: Energy

Explorations of the transformation of energy into sound, heat, and electricity are the focus of this unit. Hands-on activities are used to explore sound through pitch and volume, heat through temperature changes, and electricity through basic circuitry.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Inclined Plane (How Can I Experiment With Simple Machines)	18-5949	41.70		10,36	K
Lever (How Can I Experiment With Simple Machines)	18-5930	41.70		10,36	K
Pulley (How Can I Experiment With Simple Machines)	18-5957	41.70		10,36	K
Screw (How Can I Experiment With Simple Machines)	18-5965	41.70		36	L
Wedge (How Can I Experiment With Simple Machines)	18-5973	41.70			L
Wheel (How Can I Experiment With Simple Machines)	18-5948	41.70			M
Electricity (How Can I Experiment With...)	18-0615	41.70			M
Light (How Can I Experiment With...)	18-0343	41.70		36	P
Sound (How Can I Experiment With...)	18-0424	41.70		36	P
Wind (Science Secrets)	18-781X	35.70		36	L
Atoms (How Can I Experiment With...)	18-0084	41.70		36	M
Force and Motion (How Can I Experiment With...)	18-0165	41.70		36	M

Unit Four: Plants and Animals

In this unit the relationships of plants and animals to each other and to their environment will be explored. The human body structures will be examined, as well as the skeletal and digestive systems. Relationships and growth will be analyzed with respect to proper diet, using the food pyramid.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Amphibians (Animals in Disguise)	18-7298	35.70		36	K
Birds (Animals in Disguise)	18-8174	35.70		36	I
Fish (Animals in Disguise)	18-8182	35.70		36	H
Mammals (Animals in Disguise)	18-8204	35.70			K
Reptiles (Animals in Disguise)	18-8212	35.70		36	K
Birds (What is an Animal?)	18-7301	35.70		36	I
Fish (What is an Animal?)	18-731X	35.70		36	H
Insects (What is an Animal?)	18-7328	35.70			J
Invertebrates (What is an Animal?)	18-7336	35.70			I
Mammals (What is an Animal?)	18-7344	35.70			J
Reptiles (What is an Animal?)	18-7352	35.70		36	K
Vertebrates (What is an Animal?)	18-7360	35.70			I

Unit Five: Rocks, Soil, and Change

This unit focuses on the properties of earth materials and how they are formed. Explorations will include the characteristics of minerals and the identification of rocks and minerals. Both physical and chemical processes will be analyzed to determine changes to the environment through weathering, rusting, and erosion.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Rain, Snow, and Ice (Weather Reports)	18-7704	35.70		34	K
Storms (Weather Reports)	18-7712	35.70		36	K
The Weather and Us (Weather Reports)	18-7739	35.70		36	K

Unit Seven: The Environment

Characteristics of ecosystems and their relationship with the living and nonliving components within will be explored in this unit. Changes in habitats and their subsequent effects will be explored through investigations.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Amazing Rain Forest (Rain Forest Today)	18-2997	35.70		36	
Animals of the Rain Forest (Rain Forest Today)	18-3004	35.70		36	
Plants of the Rain Forest (Rain Forest Today)	18-3020	35.70		37	
Vanishing Rain Forest (Rain Forest Today)	18-3047	35.70		36	
Elephants (Wildlife in Danger Discovery Library)	18-8239	35.70			H
Pandas (Wildlife in Danger Discovery Library)	18-8247	35.70			J
Rhinoceros (Wildlife in Danger Discovery Library)	18-8255	35.70		36	K
Seals (Wildlife in Danger Discovery Library)	18-8236	35.70			J
Tigers (Wildlife in Danger Discovery Library)	18-8271	35.70		36	H
Whales (Wildlife in Danger Discovery Library)	18-828X	35.70			H

Unit Eight: Weather Patterns

This unit focuses on the identification and description of the differences between weather and climate as a basis for understanding the water cycle and patterns of precipitation and violent weather. Earth's rotation on its own axis plus its revolution around the Sun are factors involved in developing weather patterns. Seasonal changes may be incorporated into the development of weather patterns.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Clouds (Weather Reports)	18-7690	35.70		34	J
Rain, Snow and Ice (Weather Reports)	18-7704	35.70		34	K
Storms (Weather Reports)	18-7712	35.70		36	K
Studying Weather (Weather Reports)	18-7720	35.70		36	M
The Weather and Us (Weather Reports)	18-7739	35.70		36	K
Weather Signs (Weather Reports)	18-7747	35.70		36	J

Grade 4 SCIENCE

Unit One: Measuring and Comparing

In this unit, various investigations require accurate measurements using a variety of tools. Taking measurements and making comparisons are two skills that are developed throughout the science units and practiced across the curriculum.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Atoms (How Can I Experiment With...)	18-0084	41.70		36	M
Force and Motion (How Can I Experiment With...)	18-0173	41.70		13,36	M

Unit Two: Light, Heat and Sound

The students will understand that light, heat, and sound are separate forms of energy. The students will also understand how energy is produced and transmitted. Through various experiments or inquiries, students will describe how each of these forms of energy is used in everyday life.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Electricity (How Can I Experiment With...)	18-0165	41.70		13	M
Light (How Can I Experiment With...)	18-0343	41.70		12,36	P
Sound (How Can I Experiment With...)	18-0424	41.70		36	P
Friction (Fluent)	18-2679	29.70		13,36	J/K
Listen To This (Fluent)	18-2717	29.70		36	H/I

Unit Three: Electricity

Students will develop an understanding of conduction and be able to classify materials as conductors or insulators and identify types of energy transformations. The students will construct and diagram electric circuits, demonstrating series and parallel circuits.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Electricity (How Can I Experiment With...)	18-0165	41.70		13	M
Friction (Fluent)	18-2679	29.70		13,36	J/K

Unit Four: Living Organisms

This unit will focus on growing plants from seeds, cuttings, or other plant parts and photosynthesis. Careful records of plant growth, especially measurements, should be kept in a journal for each plant. Activities will provide an introduction to the life cycle of plants and animals and be introduced to the respiratory and circulatory systems.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Bullfrog (Life Cycles)	18-6023	35.70		36	I
Loggerhead Turtle (Life Cycles)	18-6066	35.70		36	L
Life Cycle of a Monarch Butterfly (Fluent)	18-2709	35.70		36	G/H

Unit Five: Ecosystems

This unit builds on the previous unit "Living Organisms" by undertaking a deeper study of ecosystems. The unit provides opportunities to construct and care for a model ecosystem as well as to research and report on actual ecosystems in Louisiana and around the world.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Birds (Animals in Disguise)	18-8174	35.70		36	I
Fish (Animals in Disguise)	18-8182	35.70		36	H
Mammals (Animals in Disguise)	18-8204	35.70			K
Reptiles (Animals in Disguise)	18-4835	35.70		36	K
Bullfrog (Life Cycles)	18-3539	35.70			I
Loggerhead Turtle (Life Cycles)	18-3547	35.70		36	L
Plant Cycle (Nature's Cycle)	18-5376	35.70		37	K/L
Vanishing Rainforest (Rain Forest Today)	18-3047	35.70		36	

Unit Six: Planet Earth and Its Moon

During this unit activities explore some of the processes and cycles experienced at Earth's surface. Investigations involve the slow weathering processes and the effects of erosion, violent geological events, the water cycle, the study of weather, and the effects of human efforts to manage and use natural resources. Additional activities provide an opportunity to study the Earth, Moon and Sun patterns.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Gravity (How Can I Experiment With...)	18-0327	41.70		12	O
Clouds (Weather Reports)	18-7690	35.70			J
Rain, Snow and Ice (Weather Reports)	18-7704	35.70			K
Storms (Weather Reports)	18-7712	35.70		36	K
Studying Weather (Weather Reports)	18-7720	35.70		36	M
The Weather and Us (Weather Reports)	18-7739	35.70		36	K
Weather Signs (Weather Reports)	18-7747	35.70		36	J

Unit Seven: Structure and Form

This unit introduces the study of living things, emphasizing and comparing their form, functions, structures, and adaptations.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Birds (Animals in Disguise)	18-8174	35.70		36	I
Fish (Animals in Disguise)	18-8182	35.70		36	H
Mammals (Animals in Disguise)	18-8204	35.70			K
Reptiles (Animals in Disguise)	18-8212	35.70		36	K

Unit Eight: Foods and Nutrition

This unit introduces a basic understanding of the nutrients needed for an individual's growth, development, and energy. Simple menus will be planned and compared to the USDA's Food Guide Pyramid. Additional activities include reading and analyzing the nutritional labels on purchased food products.

Grade 5 SCIENCE

Unit Three: Force, Motion, and Energy Transformations

This unit will provide experiences to develop the concepts of force, motion, and energy and the relationships among them. Activities focus on the relationship of unbalanced forces causing motion, including gravity. Properties and sources of kinetic and potential energy will be investigated and renewable, nonrenewable, and inexhaustible energy resources will be explored.

Unit Five: Ecosystems

This unit provides a foundation for establishing an understanding of cycles and systems through a study of various ecosystems. Adaptations of organisms that enable them to survive are emphasized. The impact of physical events and chemical processes on the carrying capacity of an ecosystem are investigated.

Title	ISBN	Price	Quantity	Catalog Pg.	Level
Birds (Animals in Disguise)	18-8174	35.70		36	I
Fish (Animals in Disguise)	18-8182	35.70		36	H
Mammals (Animals in Disguise)	18-8204	35.70			K
Reptiles (Animals in Disguise)	18-8212	35.70			K

Unit Six: Earth and the Atmosphere

The unit will focus on activities that investigate components of the lithosphere, hydrosphere, and atmosphere. Inquiry activities in this unit include the classification of rocks, a study of the composition of soil samples, and the causes of weathering and erosion. Also, effects of the atmosphere and hydrosphere on Earth will be investigated.

Unit Seven: Cycles and Climates

Adding to content from past units, activities in this unit will examine many of Earth's continuous cycles. The unit includes the study of climate zones and an introduction to the use of weather maps. Information drawn from a variety of sources is central to concept introduction, exploration, and development.

Unit Eight: Space

This unit fosters an understanding of space, in general, and the solar system, specifically. Modeling is used for explanations of perceived constellation movement, as well as Earth motion. Assigned readings and research reveal how questioning and probing have resulted in the development of better tools and technology to study space.

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