



Correlation

Standards of Learning for Virginia

Science

Kindergarten

**For more information about this correlation,
a quote or to place an order, please contact:**

O'Brien Associates
2512 Grenoble Road
Richmond, VA 23294
Local 804-346-2424
Toll-free 800-340-7323
Fax 804-747-1378
email: info@obrienassociates.com

April 2016

**Standards of Learning for Virginia
Science
Kindergarten**

The kindergarten Standards stress the use of basic science skills to explore common materials, objects, and living things and will begin the development of an understanding that scientific knowledge is based on evidence. Emphasis is placed on using the senses to gather information. Students are expected to develop skills in posing simple questions, measuring, sorting, classifying, and communicating information about the natural world. The science skills are an important focus as students learn about life processes and properties of familiar materials, such as magnets and water. Through phenomena including shadows, patterns of weather, and plant growth, students are introduced to the concept of change. The significance of natural resources and conservation is introduced in the kindergarten Standards.

Scientific Investigation, Reasoning and Logic

K.2 Students will investigate and understand that humans have senses that allow one to seek, find, take in and react or respond to information in order to learn one’s surroundings.

<i>Floating and Sinking (My Science Library) *</i>	<i>I/470</i>	<i>978-1-61741-940-9</i>	<i>8.95</i>	<i>Rourke Ed Media</i>
I Hear!	A/410	A1409	38.00	Benchmark Education
I See	A/410	A7255	38.00	Benchmark Education
Investigate Sound	480	Y09803	38.00	Benchmark Education
<i>Investigate Sound (big book)</i>	<i>480</i>	<i>Y09827</i>	<i>38.00</i>	<i>Benchmark Education</i>
Investigate Your Sense of Smell	470	Y09802	38.00	Benchmark Education
<i>Investigate Your Sense of Smell (big book)</i>	<i>470</i>	<i>Y09826</i>	<i>38.00</i>	<i>Benchmark Education</i>
Mia’s Five Senses	B/300	978-1-5081-1304-1	42.00	Rosen Classroom
My Five Senses	D/410	A0062	38.00	Benchmark Education
My Five Senses	B	978-0-8239-8576-0	26.10	Rosen Classroom
Soft and Hard	C/410	A81113	39.00	Benchmark Education
We See With Our Eyes	---	Y03077	33.00	Benchmark Education
<i>We See With Our Eyes (Lap Book)</i>	<i>---</i>	<i>Y02747</i>	<i>33.00</i>	<i>Benchmark Education</i>

Force, Motion and Energy

K.3 The student will investigate and understand that magnets have an effect on some materials, make some things move without touching them and have useful applications.

Investigating Magnets (Forces and Motion)	600	Y09794	38.00	Benchmark Education
<i>Investigating Magnets (Forces and Motion)(big book)</i>	<i>600</i>	<i>Y09818</i>	<i>38.00</i>	<i>Benchmark Education</i>
<i>Magnet Power (My Science Library)</i>	<i>J/550</i>	<i>978-1-61741-942-3</i>	<i>8.95</i>	<i>Rourke Ed Media</i>
Magnets	C/200	A0011	38.00	Benchmark Education
<i>Making Things Move (lap book)</i>	<i>B</i>	<i>978-1-60472-007-5</i>	<i>15.95</i>	<i>Rourke Ed Media</i>
<i>Motion: Push and Pull, Fast and Slow (lap book)</i>	<i>N/570</i>	<i>978-1-4048-0348-0</i>	<i>7.95</i>	<i>Capstone Classroom</i>
Using Magnets	E/410	A1719	38.00	Benchmark Education

Title	GR Level	ISBN/Code No.	Six-pack Price	Publisher
-------	----------	---------------	----------------	-----------

Titles in italics are single copy; order six to make a six-pack.

Matter

K.4 The student will investigate and understand that the position, motion and physical properties of an object can be described.

Big and Little	B/410	A1433	38.00	Benchmark Education
Big and Small (Infomax CC Readers)	A/BR	978-1-4488-8876-4	36.00	Rosen Classroom
Bigger Than? Smaller Than?	D/410	A3832	38.00	Benchmark Education
<i>Comparing Shapes (Spot the Shape)(lap book)</i>	<i>G/260</i>	<i>978-1-4329-2695-3</i>	<i>8.95</i>	<i>Capstone Classroom</i>
Heavy and Light: Learning to Compare Weights of Objects	D	978-0-8239-7317-0	26.10	Rosen Classroom
Is it Rough? Is it Smooth?	B	978-0-8239-8609-5	30.00	Rosen Classroom
Look at It Go!	---	Y03067	33.00	Benchmark Education
<i>Look at It Go! (lap book)</i>	---	<i>Y02737</i>	<i>33.00</i>	<i>Benchmark Education</i>
Near and Far at the Beach: Learning Spatial Awareness Concepts	A	978-0-8239-7439-9	26.10	Rosen Classroom
<i>Run, Swim, Fly (My Science Library)</i>	<i>D/30</i>	<i>978-1-61741-922-5</i>	<i>8.95</i>	<i>Rourke Ed Media</i>
Shapes at the Beach	B	978-0-8239-9516-5	26.10	Rosen Classroom
Shapes Everywhere	D/410	A1565	38.00	Benchmark Education
Sorting Matter	480	Y09811	38.00	Benchmark Education
<i>Sorting Matter (big book)</i>	<i>480</i>	<i>Y09835</i>	<i>38.00</i>	<i>Benchmark Education</i>
<i>Stop and Go, Fast and Slow: Moving Objects in Different Ways (My Science Library)</i>	<i>D/120</i>	<i>978-1-61741-929-4</i>	<i>8.95</i>	<i>Rourke Ed Media</i>
Things Move	A/BR	A26201	38.00	Benchmark Education
Up and Down (Infomax CC Readers)	A/BR	978-1-4488-8879-5	36.00	Rosen Classroom
Up and Down	---	Y03074	33.00	Benchmark Education
<i>Up and Down (lap book)</i>	---	<i>Y02744</i>	<i>33.00</i>	<i>Benchmark Education</i>
We See Shapes	---	Y01275	33.00	Benchmark Education
<i>We See Shapes (lap book)</i>	---	<i>Y01201</i>	<i>33.00</i>	<i>Benchmark Education</i>
What Color Is It?	A	978-1-4042-7972-8	26.10	Rosen Classroom
What Shape Is It?	A	978-1-4042-7986-5	26.10	Rosen Classroom

K.5 The student will investigate and understand that water flows and has properties that can be observed and tested.

Changing Matter	520	Y09792	38.00	Benchmark Education
<i>Changing Matter (big book)</i>	<i>520</i>	<i>Y09816</i>	<i>38.00</i>	<i>Benchmark Education</i>
<i>Floating and Sinking (My Science Library) *</i>	<i>I/470</i>	<i>978-1-61741-940-9</i>	<i>8.95</i>	<i>Rourke Ed Media</i>
Solid or Not?	E/410	A731X	38.00	Benchmark Education
Solids, Liquids & Gases	550	Y09810	38.00	Benchmark Education
<i>Solids, Liquids & Gases (big book)</i>	<i>550</i>	<i>Y09834</i>	<i>38.00</i>	<i>Benchmark Education</i>
The Ice Cube Experiment	F	978-1-4042-7902-5	30.00	Rosen Classroom
Three Kinds of Water	E/410	A81120	39.00	Benchmark Education
<i>Where Did the Water Go? (My Science Library)</i>		<i>978-1-61741-953-9</i>	<i>8.95</i>	<i>Rourke Ed Media</i>

Title	GR Level	ISBN/Code No.	Six-pack Price	Publisher
-------	----------	---------------	----------------	-----------

Titles in italics are single copy; order six to make a six-pack.

Life Processes

K.6 The student will investigate and understand the differences between living organisms and nonliving objects.

<i>How Do Plants Grow? (My Science Library)</i>	C/450	978-1-61741-923-2	8.95	Rourke Ed Media
Is It Alive?	D/190	978-1-5081-1310-2	42.00	Rosen Classroom
Living and Nonliving in the Desert	H/380	978-1-4109-5394-0	39.94	Capstone Classroom
Living and Nonliving in the Grasslands	H/360	978-1-4109-5398-8	39.94	Capstone Classroom
Living and Nonliving in the Mountains	H/380	978-1-4109-5399-5	39.94	Capstone Classroom
Living and Nonliving in the Ocean	H/360	978-1-4109-5395-7	39.94	Capstone Classroom
Living and Nonliving in the Polar Regions	H/400	978-1-4109-5397-1	39.94	Capstone Classroom
Living and Nonliving in the Rain Forest	H/360	978-1-4109-5396-4	39.94	Capstone Classroom
<i>Living or Nonliving? (My Science Library)</i>	I/350	978-1-61741-945-4	8.95	Rourke Ed Media
The Ways We Use Water (Infomax CC Readers) *	E/290	978-1-4488-9014-9	42.00	Rosen Classroom
Why Plants Need Light	F	978-1-4042-7920-9	30.00	Rosen Classroom
Why We Need Water	E	978-1-4042-7916-2	30.00	Rosen Classroom

K.7 The Student will investigate and understand basic needs and life processes of plants and animals.

Animal Families	E/240	A26481	38.00	Benchmark Education
Animal Families	D	978-1-4042-7964-3	26.10	Rosen Classroom
Fruit Facts	D	978-0-8239-8536-4	30.00	Rosen Classroom
How Flowers Grow	C	978-0-8239-8531-9	30.00	Rosen Classroom
In the Garden	C/300	978-1-5081-1306-5	42.00	Rosen Classroom
Investigate Air	BR-360	Y09801	38.00	Benchmark Education
<i>Investigate Air (big book)</i>	BR-360	Y09825	38.00	Benchmark Education
Learning about Leaves	A	978-0-8239-8504-3	26.10	Rosen Classroom
Little Chick (fiction)(A story about a hen who is missing one of Her chicks.)	E/100	A7247	38.00	Benchmark Education
<i>Mammal Moms and Their Young (lap book) *</i>	D	978-1-60472-008-2	15.95	Rourke Ed Media
Plants Grow	--	Y03070	33.00	Benchmark Education
<i>Plants Grow (lap book)</i>	--	Y02740	33.00	Benchmark Education
The Ways We Use Water (Infomax CC Readers) *	E/290	978-1-4488-9014-9	42.00	Rosen Classroom
Vegetables and How They Grow	D	978-0-8239-8530-2	30.00	Rosen Classroom

Interrelationships in Earth/Space Systems

K.8. The student will investigate and understand that shadows occur when light is blocked by an object.

<i>Day and Night (My Science Library) *</i>	E/300	978-1-61741-926-3	8.95	Rourke Ed Media
<i>Light: Shadows, Mirrors and Rainbows (lap book)</i>	M/670	978-1-4048-0332-9	7.95	Capstone Classroom
<i>Me and My Shadow (My Science Library)</i>	H/300	978-1-61741-943-0	8.95	Rourke Ed Media
Night and Day (Earth and Space)	480	Y09806	38.00	Benchmark Education
<i>Night and Day (Earth and Space)(big book)</i>	480	Y09830	38.00	Benchmark Education
<i>One Spring Day and Night (lap book) *</i>	I	978-1-60472-033-4	23.95	Rourke Ed Media
The Ways We Use Water (Infomax CC Readers) *	E/290	978-1-4488-9014-9	42.00	Rosen Classroom

Title	GR Level	ISBN/Code No.	Six-pack Price	Publisher
-------	----------	---------------	----------------	-----------

Titles in italics are single copy; order six to make a six-pack.

Earth Patterns, Cycles, and Change

K.9 The student will investigate and understand simply repeating patterns in his/her daily life.

A Seed Needs Help	E/210	A60262	39.00	Benchmark Education
A Week of Weather	B/BR	A75105	39.00	Benchmark Education
All Kinds of Weather	---	Y01262	33.00	Benchmark Education
<i>All Kinds of Weather (lap book)</i>	---	Y01188	33.00	<i>Benchmark Education</i>
Garden Lunch	E/130	A60279	39.00	Benchmark Education
What Is the Weather Today?	D/300	978-1-5081-1312-6	42.00	Rosen Classroom

K.10 The Student will investigate and understand that change occurs over times and rate may be fast or slow.

<i>Day and Night (My Science Library) *</i>	<i>E/300</i>	<i>978-1-61741-926-3</i>	<i>8.95</i>	<i>Rourke Ed Media</i>
<i>Mammal Moms and Their Young (lap book) *</i>	<i>D</i>	<i>978-1-60472-008-2</i>	<i>15.95</i>	<i>Rourke Ed Media</i>
My Favorite Season (Infomax CC Readers)	B/180	978-1-4488-8915-0	36.00	Rosen Classroom
<i>One Spring Day and Night (lap book) *</i>	<i>I</i>	<i>978-1-60472-033-4</i>	<i>23.95</i>	<i>Rourke Ed Media</i>
Spring, Summer, Fall, Winter	C/280	978-1-5081-1308-9	42.00	Rosen Classroom

Earth Resources

K.11 The Student will investigate and understand that materials can be reused, recycled and conserved.

*Title in multiple strands

Price and availability subject to change without notice.

**For more information about this correlation,
a quote or to place an order, please contact:**

O'Brien Associates
2512 Grenoble Road
Richmond, VA 23294
Local 804-346-2424
Toll-free 800-340-7323
Fax 804-747-1378
email: info@obrienassociates.com

April 2016

Title	GR Level	ISBN/Code No.	Six-pack Price	Publisher
-------	-------------	---------------	-------------------	-----------

Titles in italics are single copy; order six to make a six-pack.