



Correlation

Standards of Learning for Virginia

Mathematics

Grade One

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

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April 2016

**Standards of Learning for Virginia
Mathematics
Grade One**

**Number and Number Sense
Focus: Place Value and Fraction Concepts**

- 1.1 The student will**
- a) count from 0 to 100 and write the corresponding numerals; and**
 - b) group a collection of up to 100 objects into tens and ones and write the corresponding numeral to develop an understanding of place value.**

<i>Make It 100!</i>	978-1-61741-967-6	8.95	E/100	Rourke Ed Media
<i>My Math Toolbox *</i>	978-1-61741-960-7	8.95	D/640	Rourke Ed Media
Numbers to 100: Before, After and Between (book set)	Y03484	115.00	520	Benchmark Education
Numbers to 100: Before, After and Between (big book)	Y03436	38.00	520	Benchmark Education
Numbers to 100: Before, After and Between (six-pack)	Y03460	38.00	520	Benchmark Education
Understanding Place Value (big book)	Y03445	38.00	490	Benchmark Education
Understanding Place Value (book set)	Y03493	115.00	490	Benchmark Education
Understanding Place Value (six-pack)	Y03469	38.00	490	Benchmark Education
Understanding Tens and Ones (big book)	Y03437	38.00	360	Benchmark Education
Understanding Tens and Ones (book set)	Y03785	115.00	360	Benchmark Education
Understanding Tens and Ones (six-pack)	Y03461	38.00	360	Benchmark Education
<i>What's the Place Value?</i>	978-1-61810-208-9	8.95	F/BR	Rourke Ed Media

- 1.2 The student will count forward by ones, twos, fives, and tens to 100 and backward by ones from 30.**

<i>Counting by: Fives</i>	978-1-63430-084-1	8.95	E/470	Rourke Ed Media
<i>Counting by: Ones</i>	978-1-63430-085-8	8.95	D/250	Rourke Ed Media
Lots of Ladybugs! Counting by Fives	978-1-4048-1818-7	47.70	G/620	Capstone Classroom
2, 4, Skip Count Some More (Fun with Numbers)	978-1-4296-8303-6	47.70	K/540	Capstone Classroom

- 1.3 The student will identify the parts of a set and/or region that represent fractions for halves, thirds, and fourths and write the fractions.**

Blake the Baker: Develop Understanding of Fractions and Numbers	978-1-4777-4931-9	48.00	N	Rosen Classroom
<i>Half or Whole?</i>	978-1-61590-532-4	8.95	D/BR	Rourke Ed Media
Half You Heard of Fractions? (Fun with Numbers)	978-1-4296-8306-7	47.70	K/460	Capstone Classroom
If You Were A Fraction (A fraction is a part of a whole.)	978-1-4048-4974-7	47.70	L/620	Capstone Classroom
If You Were a Set (A collection of things that have something in common.)	978-1-4048-4977-8	47.70	L/730	Capstone Classroom
Saving Endangered Animals: Develop Understanding of Fractions and Numbers	978-1-4777-4614-1	48.00	N	Rosen Classroom
<i>What's a Fraction?</i>	978-1-61741-961-4	8.95	E/690	Rourke Ed Media

<i>Title</i>	<i>ISBN/Code No.</i>	<i>Six-pack price</i>	<i>GR Level</i>	<i>Publisher</i>
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**Standards of Learning for Virginia
Mathematics
Grade One**

**Computation and Estimation
Focus: Whole Number Operations**

- 1.4 The student, given a familiar problem situation involving magnitude, will**
- a) select a reasonable order of magnitude from three given quantities: a one-digit numeral, a two-digit numeral, and a three-digit numeral (e.g., 5, 50, 500); and
 - b) explain the reasonableness of the choice.
- 1.5 The student will recall basic addition facts with sums to 18 or less and the corresponding subtraction facts.**

<i>Addition and Subtraction (big book) *</i>	Y03439	38.00	560	Benchmark Education
Addition and Subtraction (book set) *	Y03487	115.00	560	Benchmark Education
Addition and Subtraction (six-pack) *	Y03463	38.00	560	Benchmark Education
<i>Addition Strategies (big book)</i>	Y03438	38.00	440	Benchmark Education
Addition Strategies (book set)	Y03486	115.00	440	Benchmark Education
Addition Strategies (six-pack)	Y03462	38.00	440	Benchmark Education
<i>How Many In All? (big book)</i>	Y03430	38.00	400	Benchmark Education
How Many In All? (book set)	Y03478	115.00	400	Benchmark Education
How Many In All? (six-pack)	Y03454	38.00	400	Benchmark Education
<i>Plus 0, Minus 0</i>	978-1-61741-963-8	8.95	G/440	Rourke Ed Media
<i>Plus 1, Minus 1</i>	978-1-61590-533-1	8.95	C/BR	Rourke Ed Media
<i>Plus 2, Minus 2</i>	978-1-61741-964-5	8.95	I/240	Rourke Ed Media
<i>Subtraction Strategies (big book)</i>	Y03440	38.00	490	Benchmark Education
Subtraction Strategies (book set)	Y03488	115.00	490	Benchmark Education
Subtraction Strategies (six-pack)	Y03464	38.00	490	Benchmark Education
The Bike Race: Add Within 20	978-1-4777-2023-3	48.00	D	Rosen Classroom

- 1.6 The student will create and solve one-step story and picture problems using basic addition facts with sums to 18 or less and the corresponding subtraction facts.**

Addition and Subtraction (book set) *	Y03487	115.00	560	Benchmark Education
<i>Addition and Subtraction (big book) *</i>	Y03439	38.00	560	Benchmark Education
Addition and Subtraction (six-pack) *	Y03463	38.00	560	Benchmark Education
<i>All About Word Problems</i>	978-1-62169-785-5	8.95	F/320	Rourke Ed Media
Animal Rescue: Represent and Solve Problems Involving Addition	978-1-4777-4631-8	48.00	I	Rosen Classroom
Claire's Clothing Drive: Represent and Solve Problems Involving Subtraction	978-1-4777-4634-9	48.00	I	Rosen Classroom
Helping at the Race: Subtract Within 20	978-1-4777-4859-6	48.00	I	Rosen Classroom
Rescue! Animals in Need: Represent and Solve Problems Involving Addition	978-1-4777-4871-8	48.00	I	Rosen Classroom

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**Measurement
Focus: Time and Nonstandard Measurement**

1.7 The student will

- a) identify the number of pennies equivalent to a nickel, a dime, and a quarter; and
- b) determine the value of a collection of pennies, nickels, and dimes whose total value is 100 cents or less.

Kinds of Coins: Learning the Values of Pennies, Nickels, Dimes and Quarters	978-0-8239-7346-0	30.00	D	Rosen Classroom
<i>Money Counts</i>	978-1-61810-209-6	8.95	E/170	Rourke Ed Media

1.8 The student will tell time to the half-hour, using analog and digital clocks.

Busy Families: Learning to Tell time by the Hour	978-0-8239-7440-5	26.10	B	Rosen Classroom
Lots of Clocks: Learning About Tools That Measure Time	978-0-8239-7342-2	26.10	C	Rosen Classroom
Our Train Trip: Learning to Add Times by the Half Hour	978-0-8239-7322-4	30.00	H	Rosen Classroom
<i>Telling Time</i>	978-1-62169-779-4	8.95	F/360	Rourke Ed Media

1.9 The student will use nonstandard units to measure length, weight/mass, and volume.

<i>After School: Nonstandard Measurement</i>	978-1-4333-3440-5	9.00	C/100	TCM Library
Building a Tree Fort: Measure Lengths in Standard Units	978-1-4777-4780-3	48.00	K	Rosen Classroom
Fierce Freshwater Fish: Measure Lengths in Standard Units	978-1-4777-4805-3	48.00	K	Rosen Classroom
<i>Finding Length (big book)</i>	Y03442	38.00	660	Benchmark Education
Finding Length (book set)	Y03490	115.00	660	Benchmark Education
Finding Length (six-pack)	Y03466	38.00	660	Benchmark Education
<i>Heavier and Lighter (big book)</i>	Y03428	38.00	480	Benchmark Education
Heavier and Lighter (book set)	Y03476	115.00	480	Benchmark Education
Heavier and Lighter (six-pack)	Y03452	38.00	480	Benchmark Education
How Do You Measure Length and Distance? *	978-1-4296-6457-8	47.70	I/510	Capstone Classroom
How Do You Measure Time?	978-1-4296-6459-2	47.70	I/520	Capstone Classroom
<i>Inch, Foot, Yard (big book)</i>	Y03443	38.00	500	Benchmark Education
Inch, Foot, Yard (book set)	Y03491	115.00	500	Benchmark Education
Inch, Foot, Yard (six-pack)	Y03467	38.00	500	Benchmark Education
Jumping Animals! : Relate Addition and Subtraction to Length	978-1-4777-4817-6	48.00	K	Rosen Classroom
<i>Measure It!</i>	978-1-61810-210-2	8.95	F/260	Rourke Ed Media

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<i>Measuring: Pounds, Feet and Inches *</i>	978-1-60694-510-0	8.95	E	Rourke Ed Media
What Is Longer? What Is Shorter? (six-pack)	Y03453	38.00	460	Benchmark Education
<i>What Is Longer? What Is Shorter? (big book)</i>	Y03429	38.00	460	Benchmark Education
What Is Longer? What Is Shorter? (book set)	Y03477	115.00	460	Benchmark Education

- 1.10 The student will compare, using the concepts of more, less, and equivalent,**
a) the volumes of two given containers; and
b) the weight/mass of two objects, using a balance scale.

Heavy and Light: Learning to Compare Weights of Objects	978-0-8239-7317-0	26.10	D	Rosen Classroom
How Do You Measure Length and Distance? *	978-1-4296-6457-8	47.70	I/510	Capstone Classroom
Math Fun at the Fair (about using math to measure at the fair)	A10763	40.00	G/510	Benchmark Education
<i>Measuring: Pounds, Feet and Inches *</i>	978-1-60694-510-0	8.95	E	Rourke Ed Media

- 1.11 The student will use calendar language appropriately (e.g., names of the months, *today, yesterday, next week, last week*).**

How Long Is a Day? (The Calendar)	978-1-4296-8334-0	41.70	K/410	Capstone Classroom
How Long Is a Week? (The Calendar)	978-1-4296-8336-4	41.70	K/380	Capstone Classroom

**Geometry
Focus: Characteristics of Plane Figures**

- 1.12 The student will identify and trace, describe, and sort plane geometric figures (triangle, square, rectangle, and circle) according to number of sides, vertices, and right angles.**

Plane Shapes (book set) *	Y03473	115.00	440	Benchmark Education
<i>Plane Shapes (big book) *</i>	Y03425	38.00	440	Benchmark Education
Plane Shapes (six-pack) *	Y03449	38.00	440	Benchmark Education
<i>Taking Sides: Exploring Geometry *</i>	978-1-60044-688-7	8.95	I	Rourke Ed Media

- 1.13 The student will construct, model, and describe objects in the environment as geometric shapes (triangle, rectangle, square, and circle) and explain the reasonableness of each choice.**

<i>All About Geometry</i>	978-1-62169-783-1	8.95	G/400	Rourke Ed Media
<i>Building with Shapes</i>	978-1-62169-784-8	8.95	C/330	Rourke Ed Media
<i>Designing with Plane Shapes (big book)</i>	Y03434	38.00	380	Benchmark Education
Designing with Plane Shapes (book set)	Y03482	115.00	380	Benchmark Education
Designing with Plane Shapes (six-pack)	Y03458	38.00	380	Benchmark Education
<i>Plane Shapes (big book) *</i>	Y03425	38.00	440	Benchmark Education

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Plane Shapes (book set) *	Y03473	115.00	440	Benchmark Education
Plane Shapes (six-pack) *	Y03449	38.00	440	Benchmark Education
<i>Shapes: Circles</i>	978-1-60044-666-5	8.95	A	Rourke Ed Media
<i>Shapes: Squares</i>	978-1-60044-668-9	8.95	A	Rourke Ed Media
<i>Shapes: Triangles</i>	978-1-60044-669-6	8.95	A	Rourke Ed Media
<i>Shapes: Rectangles</i>	978-1-60044-667-2	8.95	A	Rourke Ed Media
<i>Taking Sides: Exploring Geometry</i> *	978-1-60044-688-7	8.95	I	Rourke Ed Media

**Probability and Statistics
Focus: Data Collection and Interpretation**

- 1.14** The student will investigate, identify, and describe various forms of data collection (e.g., recording daily temperature, lunch count, attendance, favorite ice cream), using tables, picture graphs, and object graphs.

Analyzing Doggie Data (sorting data, graphs, data analysis and probability) *	978-1-4296-6465-3	41.70	K	Capstone Classroom
<i>Graph It!</i>	978-1-61810-203-4	8.95	F/230	Rourke Ed Media
<i>Mashed Potatoes: Collecting and Reporting Data</i>	978-1-60044-684-9	8.95	I	Rourke Ed Media
We All Scream for Ice Cream (probability and statistics)	A2642	40.00	I/600	Benchmark Education
What Are My Chances? (probability) *	A0380	40.00	I/780	Benchmark Education

- 1.15** The student will interpret information displayed in a picture or object graph, using the vocabulary *more, less, fewer, greater than, less than, and equal to*.

Analyzing Doggie Data (sorting data, graphs, data analysis and probability) *	978-1-4296-6465-3	41.70	K	Capstone Classroom
What Are My Chances? (probability) *	A0380	40.00	I/780	Benchmark Education

**Patterns, Functions, and Algebra
Focus: Patterning and Equivalence**

- 1.16** The student will sort and classify concrete objects according to one or more attributes, including color, size, shape, and thickness.

- 1.17** The student will recognize, describe, extend, and create a wide variety of growing and repeating patterns.

Making Patterns (how to identify and create patterns)	A7156	46.00	K/510	Benchmark Education
<i>Our Garden in the City: Patterns</i>	978-0-7439-0867-2	9.00	O/610	TCM Library

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1.18 The student will demonstrate an understanding of equality through the use of the equal sign.

<i>All About Math Symbols</i>	<i>978-1-62169-786-2</i>	<i>8.95</i>	<i>G/390</i>	<i>Rourke Ed Media</i>
<i>My Math Toolbox *</i>	<i>978-1-61741-960-7</i>	<i>8.95</i>	<i>D/640</i>	<i>Rourke Ed Media</i>

*Title in multiple strands

NOTES:

A **Book Set** from Benchmark Education includes big book, six-pack, teacher guide, audio CD, talking E-book and whiteboard CD.

Price and availability subject to change without notice.

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