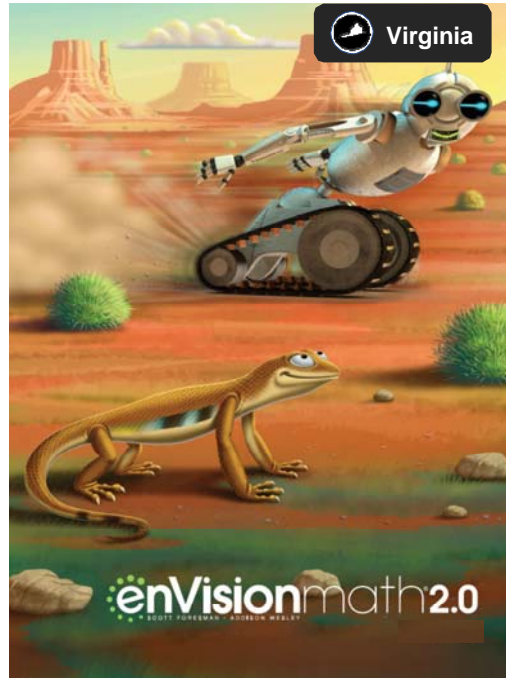


Virginia

A Correlation of



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to the
**2016 Mathematics Standards of Learning and Curriculum Framework for
Virginia Public Schools
Grade 4**



**Mathematics Textbook Correlation to the
2016 Grade Four Mathematics Standards of Learning and Curriculum Framework**

Publisher Pearson Education Inc., publishing as
Prentice Hall and Scott Foresman

Text
enVisionmath2.0 Virginia Grade 4

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2016 Grade Four Mathematics Standards of Learning	
STANDARD	Correlation: Must address both the standards and the curriculum framework. Use page number and ATE for Annotated Teacher Edition or CT for Core Technology. (Identify no more than 8 correlations.)
4.1 The student will	
a) read, write, and identify the place and value of each digit in a nine-digit whole number;	ATE: 5A-10, VA406B (Activity 1), 11A-16, 29A-34, 37-38
b) compare and order whole numbers expressed through millions; and	ATE: 17A-22, VA406B (Activity2), 29A-34, 37-38
c) round whole numbers expressed through millions to the nearest thousand, ten thousand, and hundred thousand.	ATE: 23A-28, 29A-34, 38

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4.2 The student will	
a) compare and order fractions and mixed numbers, with and without models;	ATE: 435A-440, VA54B (Activity 7), 441A-446, VA54B (Activity 8), 447A-452, 456
b) represent equivalent fractions; and	ATE: 411A-416, 417A-422, VA54B (Activity 6), 423A-428, 429A-434, 447A-452, 455-456
c) identify the division statement that represents a fraction, with models and in context.	ATE: VA54B (Activity 9)

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4.3 The student will	
a) read, write, represent, and identify decimals expressed through thousandths;	ATE: 627A-632, VA54C (Activity 13), 657A-662, 665-666, 867A-870
b) round decimals to the nearest whole number;	ATE: VA33-VA34
c) compare and order decimals; and	ATE: 639A-644, VA54C (Activity14), 665, 871A-874
d) given a model, write the decimal and fraction equivalent.	ATE: 627A-632, 633A-638, 665

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4.4 The student will	
a) demonstrate fluency with multiplication facts through 12 x 12, and the corresponding division facts;	ATE: 35, 95A-100, VA406C (Activity 4), 101A-106, 149A-154, 157-160, 171A-176, 253A-258
b) estimate and determine sums, differences, and products of whole numbers;	ATE: 47A-52, 53A-58, VA406B (Activity 3), 85-86, 183A-188, 189A-194, 237, 239-242
c) estimate and determine quotients of whole numbers, with and without remainders; and	ATE: 271A-276, 277A-282, 283A-288, 289A-294, 295A-300, 301A-306, 307A-312, 315-318
d) create and solve single-step and multistep practical problems involving addition, subtraction, and multiplication, and single-step practical problems involving division with whole numbers.	ATE: 59A-64, 65A-70, 131A-136, 143A-148, 201A-206, 239-242, 271A-276, 315-318

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4.5 The student will	
a) determine common multiples and factors, including least common multiple and greatest common factor;	ATE: 369A–374, 375A–380, 381A–386, 393A–398, 401–402, VA3A–VA6, VA54B, (Activity 10)
b) add and subtract fractions and mixed numbers having like and unlike denominators; and	ATE: 477A–482, 507A–512, 513A–518, 533–534, VA7A–VA10, VA54C (Activity 11), VA11A–VA14, 525A–530
c) solve single-step practical problems involving addition and subtraction with fractions and mixed numbers.	ATE: 465A–470, 477A–482, 483A–488, 489A–494, 533–534, VA7A–VA10, VA11A–VA14, 645A–650

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STANDARD	Correlation: Must address both the standards and the curriculum framework. Use page number and ATE for Annotated Teacher Edition or CT for Core Technology. (Identify no more than 8 correlations.)
4.6 The student will	
a) add and subtract with decimals; and	ATE: VA35A–VA38, 651A–656, 666, 875A–878
b) solve single-step and multistep practical problems involving addition and subtraction with decimals.	ATE: VA35A–VA38, 651A–656, 666, 875A–878

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4.7 The student will solve practical problems that involve determining perimeter and area in U.S. Customary and metric units.	ATE: 709A–714, 715A–720, 724

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4.8 The student will	
a) estimate and measure length and describe the result in U.S. Customary and metric units;	ATE: VA45A–VA48
b) estimate and measure weight/mass and describe the result in U.S. Customary and metric units;	ATE: VA41A–VA44
c) given the equivalent measure of one unit, identify equivalent measures of length, weight/mass, and liquid volume between units within the U.S. Customary system; and	ATE: 679A–684, 685A–690, 691A–696, 723
d) solve practical problems that involve length, weight/mass, and liquid volume in U.S. Customary units.	ATE: 679A–684, 685A–690, 723, VA41A–VA44, 691A–696

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4.9 The student will solve practical problems related to elapsed time in hours and minutes within a 12-hour period.	ATE: VA17A–VA20

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4.10 The student will	
a) identify and describe points, lines, line segments, rays, and angles, including endpoints and vertices; and	ATE: 771A–776, 777A–782, 809
b) identify and describe intersecting, parallel, and perpendicular lines.	ATE: 821A–826, 859

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4.11 The student will identify, describe, compare, and contrast plane and solid figures according to their characteristics (number of angles, vertices, edges, and the number and shape of faces) using concrete models and pictorial representations.	ATE: 827A–832, 859, VA51–VA52, 851A–856, 860

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4.12 The student will classify quadrilaterals as parallelograms, rectangles, squares, rhombi, and/or trapezoids.	ATE: 833A–838, 851A–856, 859–860

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4.13 The student will	
a) determine the likelihood of an outcome of a simple event;	ATE: VA27A–VA30
b) represent probability as a number between 0 and 1, inclusive; and	ATE: VA27A–VA30
c) create a model or practical problem to represent a given probability.	ATE: VA27A–VA30

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4.14 The student will	
a) collect, organize, and represent data in bar graphs and line graphs;	ATE: VA23A–VA26, VA54C (Activity 12)
b) interpret data represented in bar graphs and line graphs; and	ATE: VA23A–VA26, VA54C (Activity 12)
c) compare two different representations of the same data (e.g., a set of data displayed on a chart and a bar graph, a chart and a line graph, or a pictograph and a bar graph).	ATE: VA23A–VA26

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4.15 The student will identify, describe, create, and extend patterns found in objects, pictures, numbers, and tables.	ATE: 733A–738, 739A–744, 745A–750, 751A–756, VA54C (Activity 15), 759–760

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4.16 The student will recognize and demonstrate the meaning of equality in an equation.	ATE: 327A–332, VA406C (Activity 5), 332A–338, 339A–344, 345A–350, 351A–356, 359–360